



WINDOWS 10
SORTED! THE BEST WAY
TO STORE YOUR PHOTOS



PC HELPDESK
TOP TIPS FOR SOLVING
ALL YOUR PC PROBLEMS

NEW SECTION!
WELCOME TO
WINDOWS 10



Windows

Help & Advice

WINDOWS 10

FIXES!

Your most common problems solved

- Claim back space
- Tighten up security
- Deal with annoyances

PLUS! The top keyboard shortcuts, hidden features & much more!

REVIEWED
THE BEST
NEW GEAR!

The latest digital cameras, printers and all-in-one devices on test!



Cyberpower recommends Windows.



One experience for everything
in your life.



CYBERPOWER
Unleash The Power
Create The PC of Your Dreams

Cortana available in select markets at launch, experience may vary by region and device.
*External monitor must support HDMI input. [If Continuum-compatible accessory is not included, add: "Accessories sold separately."]**App availability and experience varies by device and market. Office 365 subscription required for some features. †Limited to select premium phones at launch.
Feature and app availability and experience may vary by market and device.
Windows Hello requires specialized hardware, including fingerprint reader, illuminated IR sensor or other biometric sensors.



Infinity Xtreme
Windows 10

Extreme Performance Gaming Station
MSI® X99A RAIDER Mainboard
16GB HyperX Fury 2133Mhz DDR4 Memory
240GB Kingston V300 SSD
2TB 7200rpm SATA III 6.0Gb/s 64MB HDD
4GB Nvidia® GTX 970 Video Card
NZXT H440 Gaming Case
Corsair H55 Cooling System
LCD monitor is not included but optional

Intel® Core™ i7 Processor	
5960X	£ 1975
5930K	£ 1549
5820K	£ 1369

From **£ 1369** Inc VAT and Del



Infinity X5
Windows 10

A Media Dream for Photo/Video Editing
4th Generation Intel® Core™ Processor
Gigabyte® Z97-HD 3 with SATA III, USB 3
8GB Kingston HerperX Fury 1866mhz Memory
2TB 7200rpm SATA III 6.0Gb/s 64MB HDD
2GB Nvidia® GTX 960 Graphic Card
NZXT Phantom 410 Mid Tower White
Corsair H55 Cooling System
LCD monitor is not included but optional

Intel® Core™ i7 Processor	
4790K 3.5Ghz	£ 939
4790 3.4Ghz	£ 909
Intel® Core™ i5 Processor	
4690K 3.4Ghz	£ 839
4690 3.4Ghz	£ 825
4590 3.2Ghz	£ 805

From **£ 805** Inc VAT and Del



To Custom Build Your Ideal Desktop or Laptop, Visit :
www.cyberpowersystem.co.uk

0844 371 2727

- Free UK delivery*
 - All desktops come with 3 year warranty**
 - Flexible finance available and secure online payment
- *UK mainland only, see our website for detail
**See our website for detail

NVIDIA®, nForce®, GeForce®, SLI™ are trademarks or registered trademarks of NVIDIA Corporation or its subsidiaries in the United States and other countries. CyberPower PCs use genuine Microsoft® Windows® • www.microsoft.com/pracy/howtotell

Celeron, Celeron Inside, Centrino, Centrino Inside, Centrino Logo, Core Inside, Intel, Intel Logo, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, vPro Inside, vPro Inside, Xeon, and Xeon Inside are trademarks of Intel Corporation in the U.S. and other countries. All prices are subject to change without notice or obligation. CyberPower is not responsible for any typographical and photographic errors. Copyright ©2008 CyberPower. All rights reserved.

Intel Inside®. Extraordinary Performance Outside.



Infinity Xtreme Pro

Windows 10

Extreme CPU & VGA Water Cooling Gaming Monster

Intel® Core™ Processor i7-5960X

ASUS® X99-A Mainboard

16GB HyperX Fury 2133MHz DDR4 Memory

480GB Kingston V300 SSD

2TB SATA III 6.0Gb/s 64MB HDD

4GB Nvidia® GTX 980 Graphic Card

16X Pioneer BluRay BDR-209DBK Writer Black

CoolerMaster Staker 935 Gaming Case

Cyberpower Advance Water Cooling system Medium Size

LCD monitor is not included but optional

Intel® Core™ i7 Processor Extreme Edition

5960X 3.00Ghz 20MB £ 2465

5930K 3.50Ghz 15MB £ 2035

5820K 3.30Ghz 15MB £ 1845

From **£ 1845**

Inc VAT and Del



Infinity X3

Windows 10

Great Value for Money Home PC with Water Cooling

Gigabyte® H81M-S2H Mainboard

8GB Kingston HyperX Fury 1866MHz DDR3 Memory

2TB 7200rpm SATA III 6.0Gb/s 64MB HDD

2GB NVIDIA® GTX 950 video card

CoolerMaster HAF 912 Gaming Case

Corsair H55 Cooling System

LCD monitor is not included but optional

Intel® Core™ i7 Processor

4790K 3.6Ghz £ 835

4790 3.5Ghz £ 805

Intel® Core™ i5 Processor

4690K 3.4Ghz £ 735

4690 3.4Ghz £ 719

4590 3.2Ghz £ 699

Intel® Core™ i3 Processor

4370 3.6Ghz £ 655

4170 3.4Ghz £ 625

From **£ 625** Inc VAT and Del



Infinity X7

Windows 10

High Performance All-Rounder

Intel® 4th Generation Core™ Processor

ASUS® Z97-P Mainboard

16GB HyperX Fury 1866MHz DDR3 Memory

240GB Kingston V300 SSD

2TB 7200rpm SATA III 6.0Gb/s 64MB HDD

4GB Nvidia® GTX 970 Video Card

CoolerMaster Cosmos SE Full-Tower Gaming Case

Corsair H55 Cooling System

LCD monitor is not included but optional

Intel® Core™ i7 Processor Extreme Edition

4790K 3.6Ghz £ 1255

4790 3.5Ghz £ 1229

From **£ 1229** Inc VAT and Del



FANGBOOK EGDE S 4K

Windows 8.1

Gaming Laptop with 4th Generation

Intel® Core™ i7-4720HQ Mobile Processor

Intel® HM87 Chipset

WiFi Link 802.11 A/B/G/N Wi-Fi + Bluetooth Combo

16GB DDR3 1600 SODIMM Memory

1TB 5400RPM SATA HDD

15.6" 4K UHD 3840 x 2160 Display

2GB Built-in Nvidia® GeForce® GTX 965M Video Card

Built-in FHD Webcam, 1 HDMI Port

Intel® Core™ i7 Processor
4720HQ £ 999

From **£ 999** Inc VAT and Del



FANGBOOK III BX6-200

Windows 8.1

Gaming laptop with 5th Generation

Intel® Core™ i7-5700HQ Mobile Processor

Intel® HM87 Chipset

Intel® Dual Band Wireless-AC

3160 802.11AC Wi-Fi + BT 4.0 combo

8GB DDR3 1600 SODIMM Memory

120GB Kingston SM2280 S3 SSD

1TB 5400RPM SATA HDD

15.6" Full HD 1920 x 1080 Display

2GB Built-in Nvidia® GeForce® GTX 960M Video Card

Built-in 720P HD Webcam

Intel® Core™ i7 Processor
i7-5700HQ £ 949

From **£ 949** Inc VAT and Del

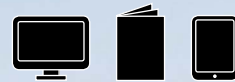


Work easy. Play hard. Windows



T3

**DISCOVER THE
FUTURE OF AUTO
TECH IN TODAY'S
CONNECTED WORLD**



ONLINE • PRINT • TABLET

APPLE WATCH
Pre-condition and
open your car

BMW i3
The compact electric
vehicle to die for

LIFE'S BETTER WITH T3

t3.com





Windows Help & Advice

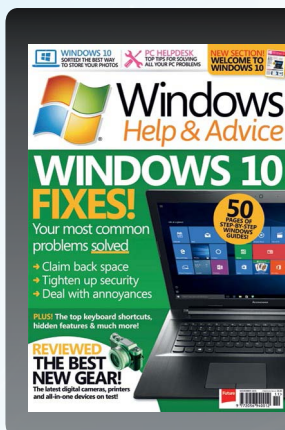
Welcome

From all the emails we receive it's clear most of you have upgraded to Windows 10 without a hitch, but that there are some common annoyances along the way... These could be something as easy as how to find a program you only run once in a blue moon, or something a bit more in depth, such as how to claim back all the space that your old version of Windows is still taking up on your hard drive. That's why, this issue, we have a special feature on fixing your common

Windows 10 upgrade problems. We also have a new section designed for anybody who is new to Windows 10 and just wants to find out how the latest system works. And don't forget to check out the list of top keyboard shortcuts in there! So, if you're new to Windows 10, then turn to page 91 and get stuck in!

Enjoy the issue and I'll see you next month when we'll look at networking in Windows 10.

Graham Barlow Editor-in-Chief
www.facebook.com/windowsmag



**SUBSCRIBE TO THE MAG TODAY
AND SAVE – JUST TURN TO PAGE 32!**

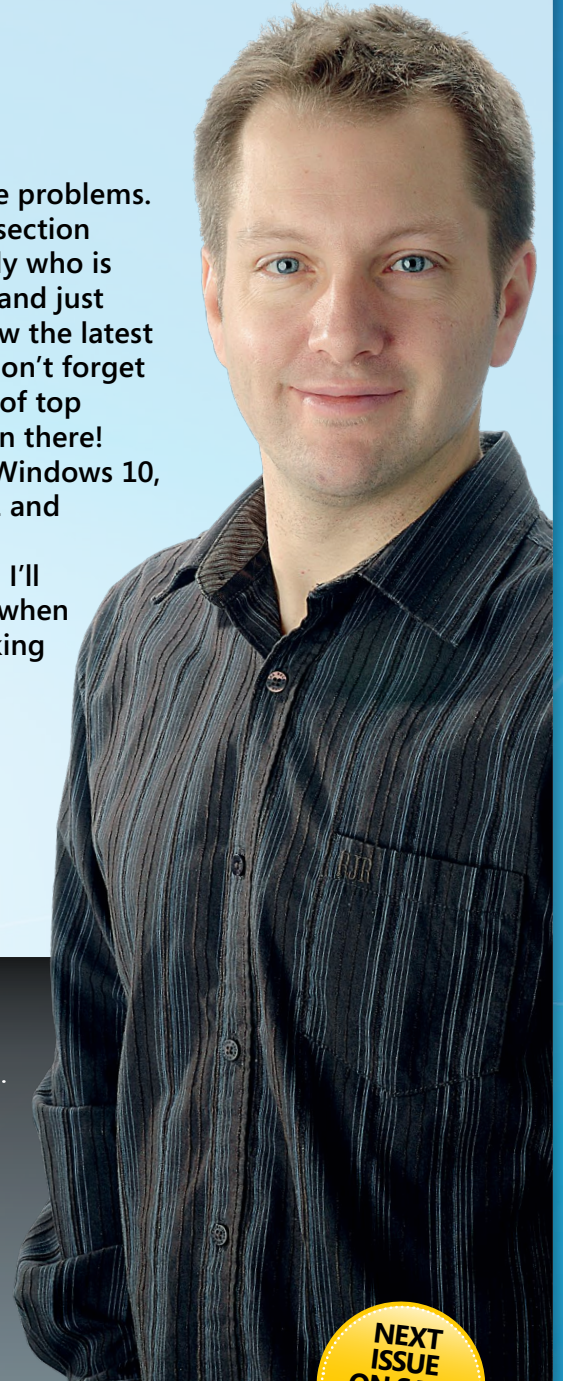
We pride ourselves in being the only magazine on the shelves to show you exactly how to get the very best from the Windows operating system, whether you're using Windows 10 or Windows 8.1. Also, don't forget to take a look at how you can read the magazine on your laptop, phone or tablet.



Don't miss our **NEXT ISSUE**, when we show you how to...

→ **Solve your Windows 10 networking problems** → **Master the new Notification Centre in Windows 10** → **Keep your personal information private online**

Subscribe now at www.myfavouritemagazines.co.uk/WINsubs





Windows Help & Advice

FEATURES

14 Windows 10 fixes

All the solutions you need to eliminate any Windows 10 teething problems

66 OneDrive for Windows 10

Take Windows 10 into the cloud with our guide to Microsoft's free service

REGULARS

8 Discover Step into a self-driving car, learn to livestream and discover more about Google's new OnHub

31 Back issues Don't miss out! Order past issues while stocks last

32 Subscriptions Save up to 44% on print and digital issues

53 Digital issues Get your favourite Windows mag on your digital device

98 Next month Discover what's coming up in the next issue



EXPLORE The best PC tutorials



Your guide *Graham Barlow* says...

"If you're looking for better ways to use your home computer, then this is the place to start. We'll show you all the tips and tricks the experts use and more!"

28 Organise your photos and videos in the new Windows 10

34 How to take regular backups of your entire hard drive

38 Speed up your system for better performance

40 Tweak your photos with the Adobe Photoshop Express app

44 How to recover lost or accidentally deleted files

48 Find out how to password protect certain folders

50 Lock down Windows 10 to keep your information private

54 Discover music with the new Groove app in Windows 10

58 Welcome to Microsoft Edge, Windows 10's new browser

60 Tips for browsing the web with Microsoft Edge



SUPPORT

74 Four pages of essential expert help for all your tricky technical queries



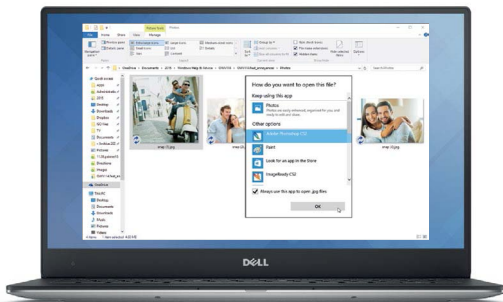
SUBSCRIPTION BUNDLE OFFER

Print and digital bundle – only £32.50 for six months
Find out more on page 32



ON THE COVER

WINDOWS 10 FIXES



14 All your Windows 10 annoyances solved



ON THE COVER

THE BEST WAY TO STORE PHOTOS

28 Keep your photos handy in Windows 10



UPGRADE

- 79** Our expert reviews
- 80** Epson Workforce ET-4550
- 82** Samsung M3 Portable 4GB
- 84** Lenovo ThinkPad Yoga 15
- 86** GoPro HERO4 Session
- 88** Compact system cameras



NEW SECTION

Welcome to...

WINDOWS 10

91 Your Windows 10 journey starts here!



Follow us on...



www.twitter.com/windowsmag



www.facebook.com/windowsmag



Discover

▶ NEW THINGS TO DO ▶ AMAZING WEBSITES ▶ FASCINATING FACTS



HOME VIDEOS
Livestreams such as Google Hangouts On Air are a great way to talk to many people at once

Going Live

How livestreaming is taking over the internet

The web has become alive with constant video feeds. We look at the best sites, and show you how to start your own

Livestreaming is one of the hottest buzzwords on the internet at the moment. YouTube has launched its own livestreaming channel, while apps such as Meerkat and Periscope turn smartphones into broadcast systems. But what actually is livestreaming?

Simply put, a livestream is an as-it-happens feed of video and audio, much like television. However, unlike television it's broadcast over the internet rather than

the airwaves, and there are billions of streams to choose from. If you've ever watched a show live on BBC iPlayer you've seen a livestream,

and if you've taken part in a Skype conversation with video then you've created your own.

Thanks to advances in broadband and mobile internet speeds, as well as improving hardware, livestreams have become more interesting over the last couple of years. Meerkat and Periscope are the most popular smartphone

livestreaming apps, using devices' cameras to create an ongoing video feed.

As it happens

You normally need to download their apps to create and view, but there are web viewers available at meerkatstreams.com and onperiscope.com. They offer a new perspective on what's going on around the world – one stream we caught came from a mobile phone as it travelled down the

conveyor at an airport security check-in.

Meanwhile, gamers are catered for with twitch.tv.

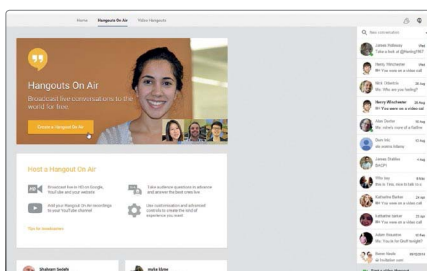
This streaming site

was bought by Amazon for \$970 million last year, and it attracts 43 million viewers every month. And while it's easy for non-gamers to dismiss twitch, it can be entertaining and as adrenaline-pumping as any other live sport. The fresh-faced gaming.youtube.com does the same thing, but it's a little easier to set up if you want to try your hand at game streaming.

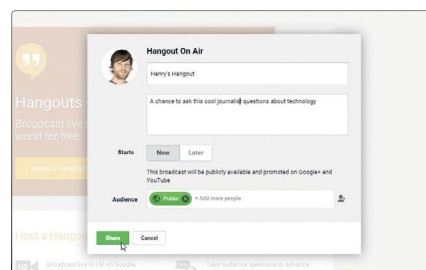
Twitch.tv can be hugely entertaining and as adrenaline-pumping as any other live sport

START A STREAM Chat with anyone via Hangouts

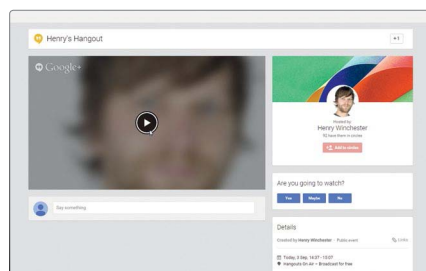
To start an internet stream you'll need a computer with a webcam and microphone, as well as a fairly decent internet connection. Most modern laptops and even phones and tablets are up to the task. Google's Hangouts On Air is an easy way to create a stream. A prerequisite for this is a Google account, but if you don't already have one you can sign up at accounts.google.com/signup. Next, visit plus.google.com/hangouts/onair.



TITLE CARD Add a title and description for your hangout. You can also schedule it for the future



HANGIN' OUT Click 'Create a Hangout On Air', and sign into Google if prompted



AND ACTION! Click 'Start' to begin your event. Copy the page's address to share your hangout

The Knowledge...



Google OnHub

Why is there a vase in this magazine?

That's no vase. It's actually a wireless router for use in the home. Dubbed Google OnHub, it's the latest product from the search engine giant.

That can't be a wireless router because it doesn't look like a rejected piece of military hardware.

OnHub's slick looks are one of its big selling points. The antennae are usually on display, but here they're concealed within its cylindrical housing. And rather than featuring more blinking lights than a town-centre Christmas tree, its status is reflected via a subtle glowing ring on top.

Is setting it up needlessly complex, like most wireless routers?

No, and this is another of its advantages. Connect it to your phone line and turn it on and the rest is handled via a simple smartphone app. You can also use this to allocate bandwidth, so your streaming TV series can take priority over your kid's shoot 'em up.

How does the OnHub compare with a normal router?

Pretty favourably. In reviews its ease of use is matched by decent range and fast speeds. It's also future-proof, so it'll handle Bluetooth Smart Ready, Weave, and 802.15.4 – the technologies that will power internet-connected smart homes.

When can I get one?

Google hasn't announced a UK release date and price for OnHub yet, but it's available in the US for \$200 (£130). There will be more coming soon, too – this one's manufactured by TP-Link, but Asus has partnered with Google for another router later this year. Maybe it'll look like a bowl of potpourri.



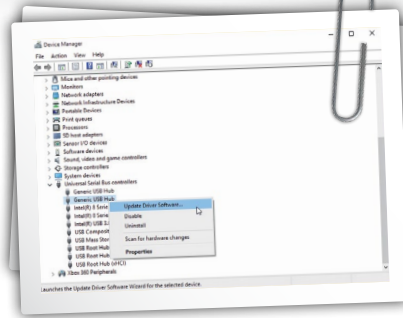
HENRY WINCHESTER
TECH EXPERT

WINDOWS INSIDER

EXPOSING YOUR PC'S SECRETS

Free speech-to-text via YouTube

Speech-to-text has become the holy grail of computing, but you have to invest in software such as Dragon's NaturallySpeaking to transcribe large chunks of speech. There is, however, a YouTube hack that allows you to use the internet video service to turn your voice into text. Simply upload your speech files, as videos, to the site. After a while you'll be able to view the text by clicking 'More' followed by 'Transcript' under the video. It's not perfect: sometimes the translation can be a bit iffy, and it'll only work with videos of 20 minutes or under. But it's a great solution if you want to save yourself the rigmarole of transcribing.



Windows 7

Master Device Manager

Device Manager is Windows' one-stop shop to check all your computer's components and peripherals. To access it click the Start button, then type **device manager** and click the first result. You'll now see a complete list of your computer's hardware, organised by category. Anything that's playing up will sport a yellow exclamation mark. Right-click on these dodgy devices and choose 'Update Driver Software', and Windows will try to find the correct drivers. If this doesn't fix the issue, try the device manufacturer's website. You can find out who made the device by right-clicking and choosing 'Properties'.

Windows 8



Apps folder for desktop

One of Windows 8's Start Screen's biggest foibles is its layout, which means it's easy to overlook cool apps installed on your computer as you head straight to traditional Windows programs. Fortunately there's a way to see all your Windows programs in one Window. Simply right-click on the desktop, select 'New', then 'Shortcut'. Now type **Explorer Shell:AppsFolder**, in the Location box. Click 'Next' then enter a name, such as 'All Apps', then choose 'Finish'. You'll see a new icon on your desktop, and you can click this to quickly get to any program, be it a Windows App or a program or game.

Struggling to get something to work? Need a tip?

Then email us your woes (to windowsmagazine@futurenet.com with the subject line 'Windows Insider') and we'll share your perfect Windows tweaks in a future issue.

Top tip Lost in translation

Get Cortana running in the UK

Windows 10

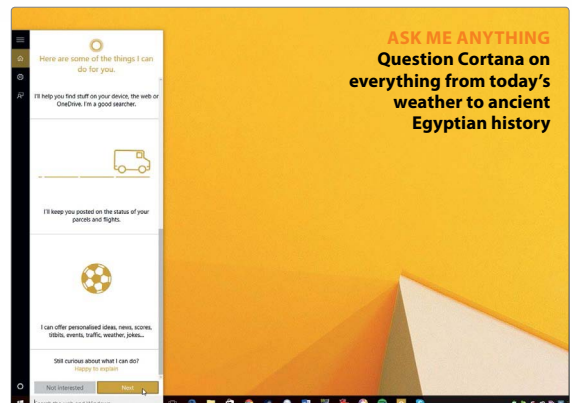
Microsoft's awesome Windows assistant might not work for some. Here's how to get her going

One of Windows 10's best features is Cortana, the voice-activated personal assistant. Setting it up is simple – click the Windows button, then type 'Cortana' and follow the instructions.

However, we found Cortana didn't work on one of our computers – it said our region and language wasn't supported. If you encounter this, click the Windows button, type 'Settings' and click the icon. Now choose 'Time &

Language'. Click 'Region & Language', then select 'Add a language'. Pick 'English', then choose the 'United Kingdom' option. Once it's installed choose 'Options', then 'Speech' and download the language pack.

Restart your computer, type **Settings** to get to the 'Time & Language' options. Click 'Speech', then pick 'English (United Kingdom)'. Now you can set up Cortana.



Google Drive

The cars of the future

As the major tech companies invest in vehicles we look at the pros and cons of these tech-heavy four wheelers

When it comes to in-car technology we've progressed miles beyond the standalone satnav, and we now have entire computers embedded into the dashboard. Pick up one of this year's models and you're likely to find a smart display that lets you know your car's location, speed, status, and access your music collection and messages.

This is just the beginning of a revolution. Earlier this year Nokia's Here Maps service was bought by Audi, BMW and Mercedes for \$3 billion, with the aim of using it to control self-driving cars. There are rumours Apple is working on a car, and Google is currently testing autonomous vehicles on American streets.

The advantages of self-driving vehicles are numerous. An autonomous car can go further without the driver getting tired. An array of sensors ensure hazards are reacted to more quickly than a human could, while automated braking safely brings the vehicle to a halt.

More advanced ideas include the ability for the car to drop its passengers

off and then drive itself to a quiet area to park, or driverless trucks freighting goods around the country.

The biggest obstacle facing driverless car manufacturers is one of trust. Driving is an isolated and personal experience, and inviting an artificial entity to transport your nearest and dearest is an understandable concern. There are also concerns that driverless cars could go wrong – just one catastrophe could completely undo the

public's faith in such vehicles.

Safety is absolutely paramount to tech companies, of course. But new cars already include features such as automatic parking, and the shift into fully

autonomous vehicles is likely to be a gradual slide. Simple manoeuvres are likely to come first, then it'll be able to tackle more problematic infrastructure such as Swindon's magic roundabout. Estimates from the car companies believe self-driving cars are about 10 years away, but in the meantime there will be a lot of exciting innovations in the automobile industry.



Download this... + <>

CopyPasteCharacter

copypastecharacter.com

Your computer's keyboard may have 104 keys, but there's an astonishing amount of extra hidden characters available to spruce up your communications. Windows has a built-in character map for weird and wonderful symbols, but it's tricky to use and it includes a lot of useless characters.

This is where CopyPasteCharacter.com comes in handy. Click on a symbol on this site and it'll be added to your clipboard so you can paste it ([Ctrl]+[V]) into any text-based file. There's an amazing array of special characters on offer, including snowmen, smiley faces and playing cards, and you can use the dropdown menu to switch to different categories such as currency and shapes. It also includes emojis, the more up-to-date smiley symbols which include different foodstuffs, activities and animals.



SMILEY PEOPLE Use this site to add symbols to emails, letters and instant messages

Follow us on...



www.twitter.com/windowsmag

facebook

www.facebook.com/windowsmag

THE 60-SECOND QUIZ

Pens at the ready, your time starts now!

1 Google's logo was recently updated – but what colour is the first G?

- A. Blue
- B. Red
- C. Yellow

2 Apple's first logo, from 1976, depicted which famous scientist?

- A. Albert Einstein
- B. Isaac Newton
- C. Alexander Graham Bell

3 What is Sony's current slogan?

- A. "Just do it"
- B. "Be moved"
- C. "I'm lovin' it"

4 Why did Airbnb's new logo spark controversy this year?

- A. It looks rude
- B. It looks like another company's logo
- C. It suggests Airbnb is an airline

5 Which other-worldly being forms Snapchat's logo?

- A. A ghost
- B. An alien
- C. A vampire

6 What was the Windows icon called in Windows Vista and 7?

- A. The Windows Prong
- B. The Windows Brick
- C. The Windows Orb

Answers 1A. 2B. 3B. 4A. 5A. 6C.

NEXT ISSUE ON SALE

October 2015

23

Friday

Facts & figures

Henry Winchester reveals a host of fascinating digital facts

VIDEO GAMES HAVE BEEN BLAMED FOR...

People not feeling like grown-ups. 31 per cent of the 2,000 over-18s surveyed cited playing games as a reason for the delayed onset of adulthood. Other factors include relying on parents (42 per cent), living at home longer (36 per cent), and watching children's movies and cartoons (30 and 29 per cent). 64 per cent felt buying your first home was a sure sign that your childhood had finally ended.

£14.42

The amount 10 septims from video game series The Elder Scrolls would be worth in the real world. Website Mobile Money worked out exchange rates for virtual coins. Pokemon dollars were best value, with 10 being equal to two pence, while 10 Orens from The Witcher would be £2.50.

8,294,400

The number of pixels you'll find in Sony's Xperia Z5 Premium smartphone. It's the first phone to feature a 4K display, which means it has the same amount of pixels as a high-end television - albeit packed into a 5.5-inch display. Other features include a 23 megapixel camera, a fingerprint sensor, and a dust and waterproof chassis. As expected, it comes with a premium price tag, too - it'll set you back £629 for a sim-free model.

HOW HAPPY ARE TECH EMPLOYEES?

The tech industry may have hip offices and high salaries, but its workers are miserable. According to a survey, only 19 per cent felt happy at work, only 17 per cent felt valued, and fewer than 50 per cent rated their relationship with coworkers as strongly positive.

72%

Of children in the US have received their first internet-connected device by the age of 13, and 51 per cent have one before their 10th birthday. The research, conducted by online security company AVG, found three in four parents have talked to their kids about the dangers of the internet, but just 41 per cent have installed a block on their kids' devices.

WHAT WERE THE MOST POPULAR PASSWORDS OF 2014?

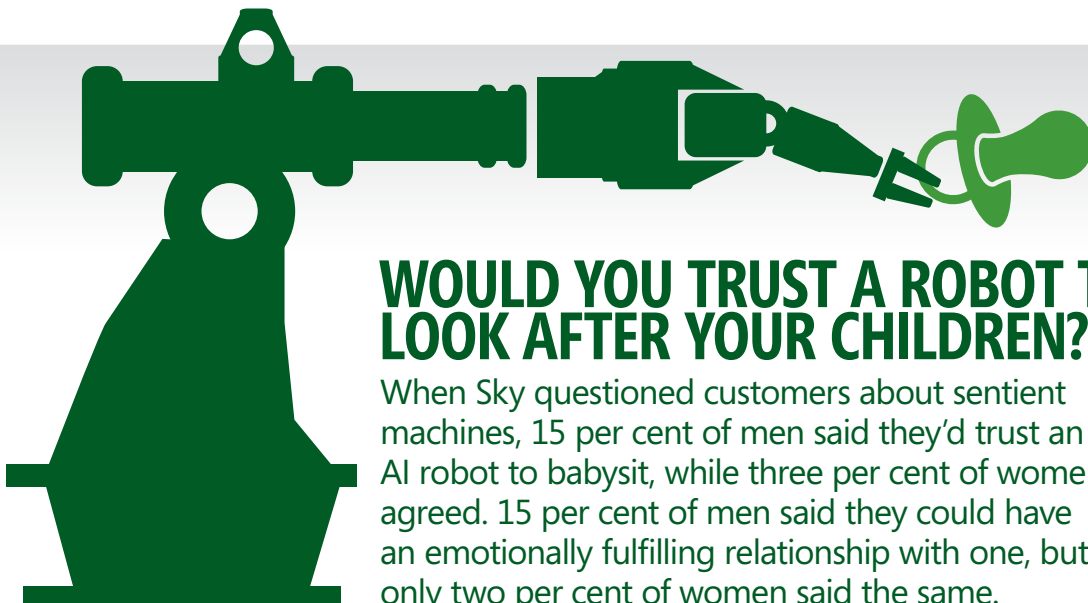
1. 123456
2. PASSWORD
3. 12345
4. 12345678
5. QWERTY

Source: SplashData

TOP GAWKER FACTS

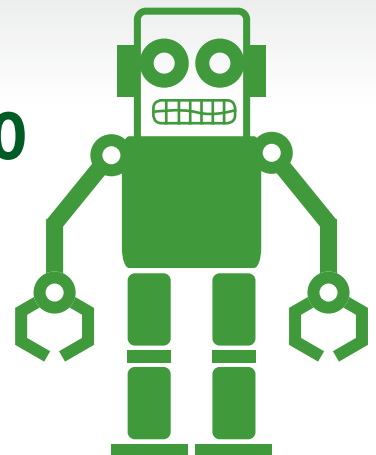
- G** Gossip site Gawker and its parent company Gawker Media were launched in 2003 by British journalist Nick Denton.
- G** For the first five years Denton ran the company from his home in SoHo, New York, before moving to an office in Nolita, Manhattan.
- G** Gawker Media is responsible for nine blogs: Gawker.com, Deadspin (sports), Lifehacker (productivity), Gizmodo (gadgets), io9 (sci-fi), Kotaku (gaming), Jalopnik (cars), Jezebel (feminism) and Sploid ('brain candy').
- G** Each blog has its own set of sub-blogs. io9, for instance, includes science, animals, toys and true crime.
- G** The site has frequently courted controversy. Director Quentin Tarantino tried to sue it over its publication of his script for *The Hateful Eight*.
- G** And wrestler Hulk Hogan has launched a \$100 million lawsuit over Gawker's leaking of his sex tape.
- G** Gizmodo hasn't been immune from controversy either – in 2010 it bought a prototype iPhone 4 for \$5,000. It later returned the smartphone.
- G** The sites draw a combined 105 million visitors per month, which helps them generate \$40 million a year in revenue.
- G** Denton stood down as CEO in December 2014 but is now worth an estimated \$300 million.

niemanlab.org, quantcast.com, slate.com, gawker.com, wikipedia.org



WOULD YOU TRUST A ROBOT TO LOOK AFTER YOUR CHILDREN?

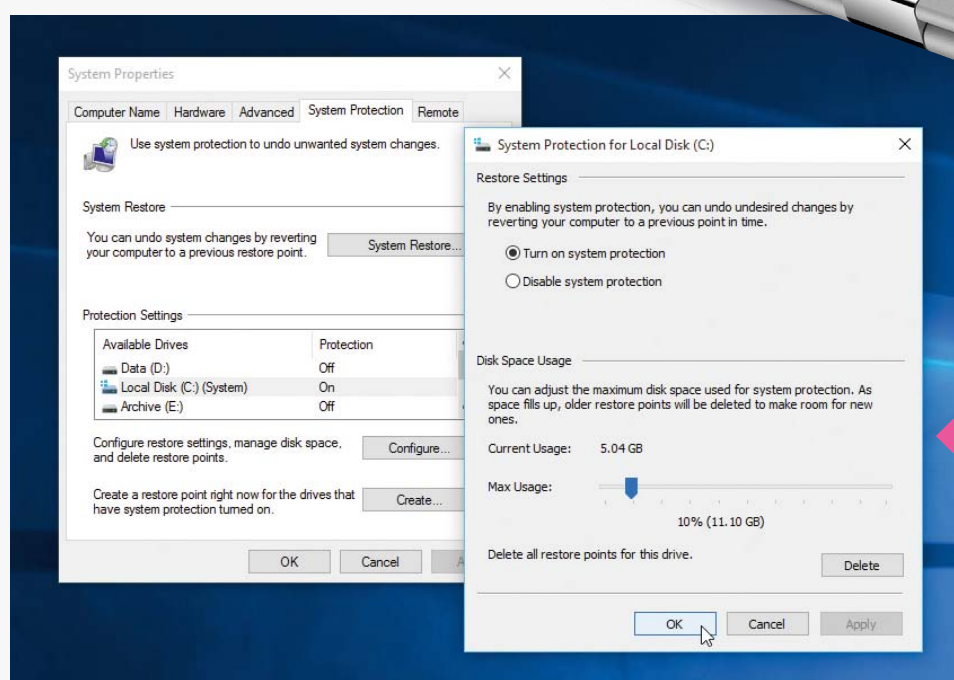
When Sky questioned customers about sentient machines, 15 per cent of men said they'd trust an AI robot to babysit, while three per cent of women agreed. 15 per cent of men said they could have an emotionally fulfilling relationship with one, but only two per cent of women said the same.



Windows 10 fixes – your problems solved

There's lots to like about Windows 10, but you can make it even better by eliminating some common annoyances

Windows 10 blends the best features of Windows 7 and 8.1 together, but there are still potential hurdles to overcome if you truly want to enjoy it. In this feature we've rounded up 32 annoyances you're likely to come across with your new operating system, which you might want to change. You'll discover how to restore features taken out of Windows 10, such as the DVD Player or Windows Media Center, make sure settings are correctly applied to protect your privacy and security, plus resolve issues with the minimum of fuss. Once you've worked your way through our list, you'll have a PC that's working for you, not the other way round. Without further ado, then, it's time to get Windows 10 firmly in line...

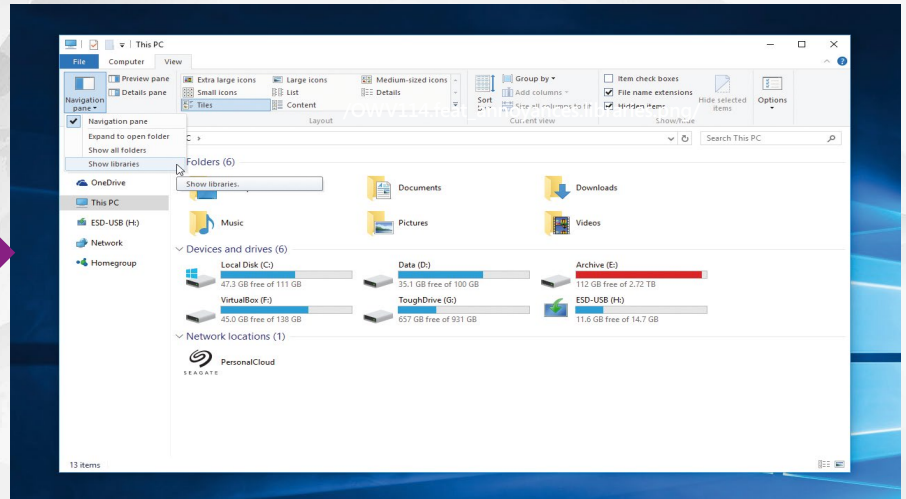


Switch System Restore back on

Don't ask us why, but Windows 10 disables System Restore by default. The first thing to do, then, is switch it back on. Press the [Windows]+[Pause/Break] keys together to open System Properties and click 'System Protection' in the left-hand column. You should see Protection Settings for all your drives. Locate your Windows drive (it should be marked 'System') and click the 'Configure...' button. Select 'Turn on system protection' and allocate up to 10% of your available space using the slider. Click 'OK' twice to finish the job.

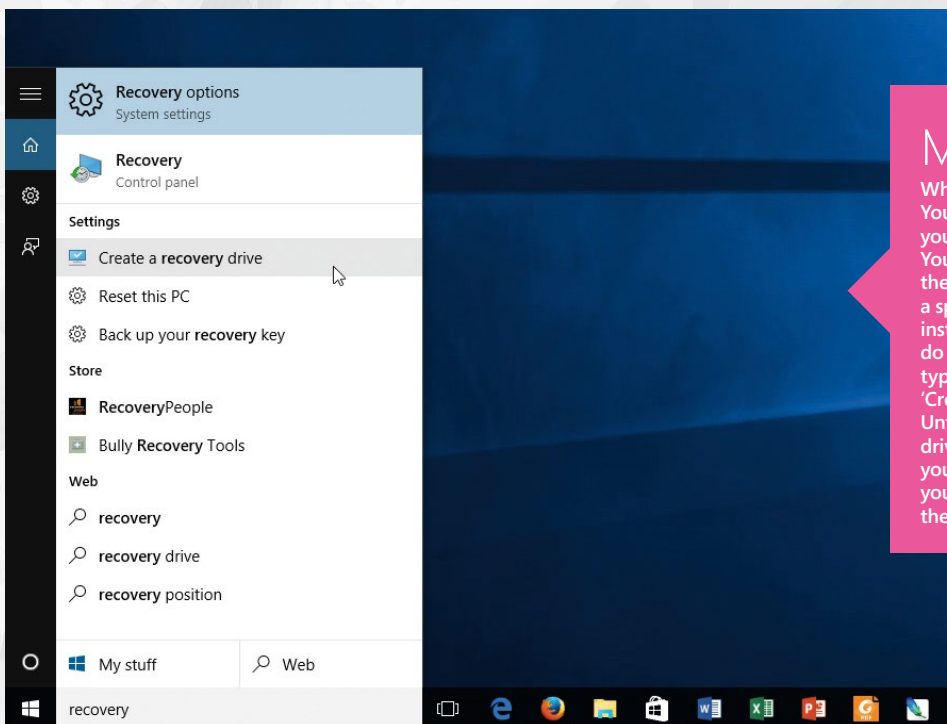
Bring back Libraries

The Libraries feature may be niche, but it can also be incredibly useful. If you've upgraded from Windows 7 you may be wondering where they've gone – thankfully they're still present, but hidden by default. To bring Libraries back, open a File Explorer window and switch to the View tab on the ribbon. Click the 'Navigation pane' button on the left and choose 'Show Libraries'. Note, Libraries can also be seen if you have 'Show all folders' ticked – they'll appear under the 'This PC' section in the Navigation pane.



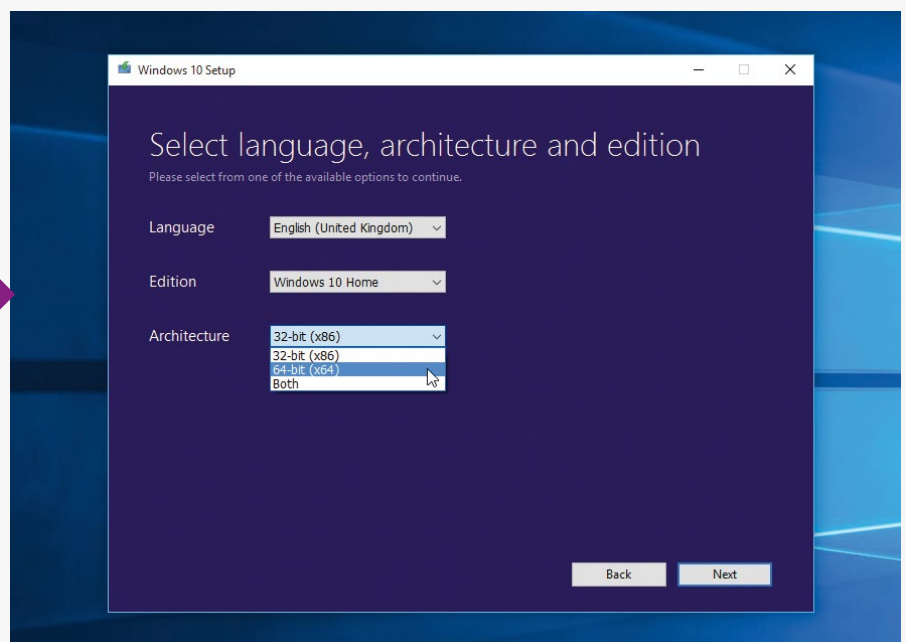
Make recovery disc

What happens if Windows 10 fails to boot? You need a system recovery drive that gives you access to Windows 10's repair options. You can create a full-blown reinstall disc with these tools (see the next tip) or you can press a spare 1GB USB flash drive into service instead with just the repair utilities in place. To do the latter, plug the drive into your PC, then type 'recovery' into the Search box and click 'Create a recovery drive' under Settings. Untick 'Back up system files to the recovery drive' ticked and follow the prompts to create your drive. Should you need to use it, restart your PC with the drive plugged in to access the tools.



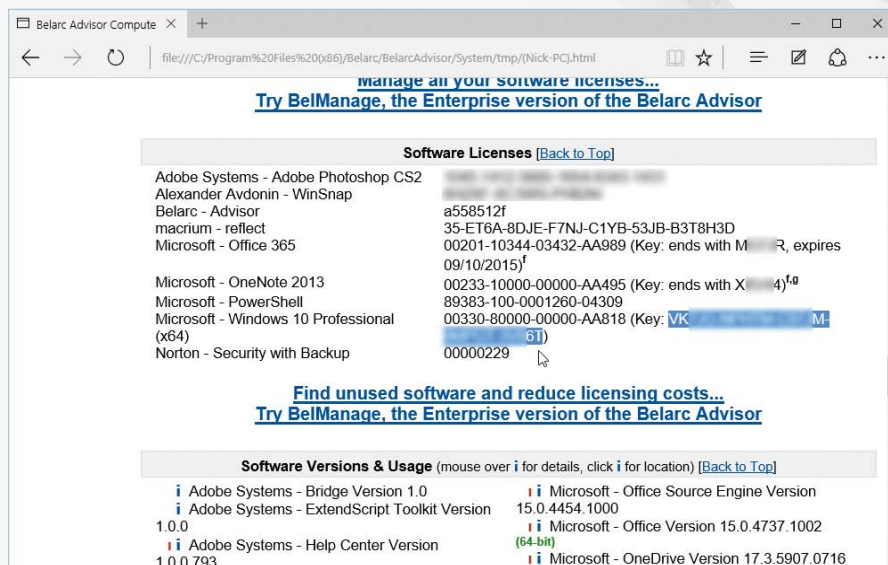
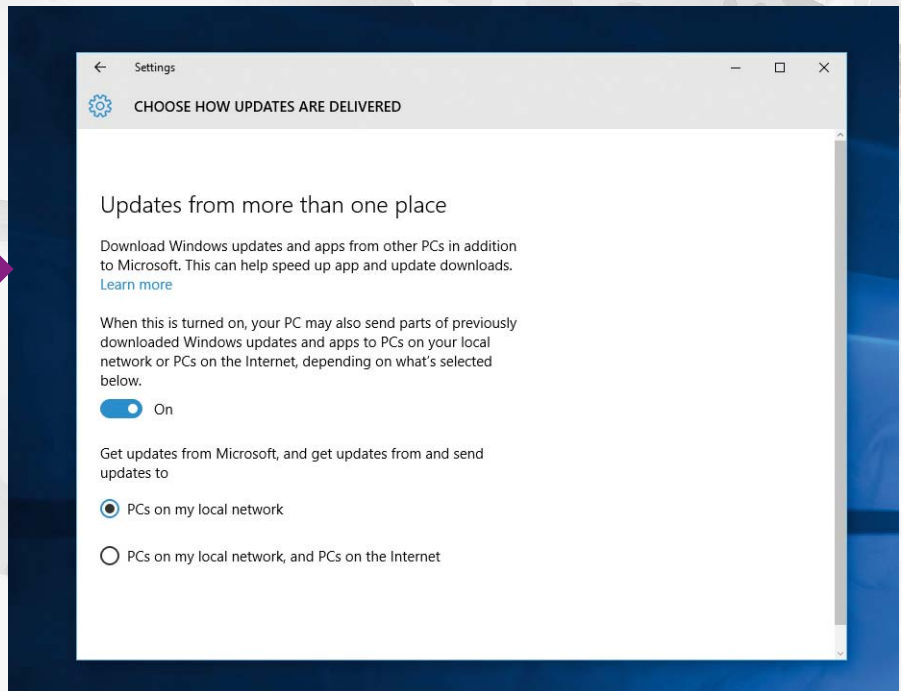
Create a reinstall disc

It also pays to be able to reinstall Windows from scratch should you need to. You'll need a blank DVD or spare 8GB USB flash drive. First, download the Windows 10 Media Creation Tool from www.microsoft.com/en-gb/software-download/windows10 – choose the 32-bit or 64-bit depending on your system type (press [Windows]+[Pause/Break] and look under System if you don't know this). Now launch the tool. Select 'Create installation media for another PC', click 'Next' and follow the prompts to select your language, edition and architecture (32-bit or 64-bit). Insert your USB flash drive, or create an ISO file you can then burn to a single DVD.



Save bandwidth

Did you know that Windows 10 uses peer-to-peer technology to deliver Windows updates? What this means is your internet connection is used to share updates you've downloaded with other users. If you're on a slow broadband connection, or you'd rather not let Microsoft do this you can change it. Click 'Start' and choose 'Settings'. Select 'Update & Security' and click 'Advanced options' under Windows Update. Next, click 'Choose how updates are delivered' and either switch the feature off or select 'PCs on my local network' to further cut bandwidth usage by only sharing the updates between PCs in your home.

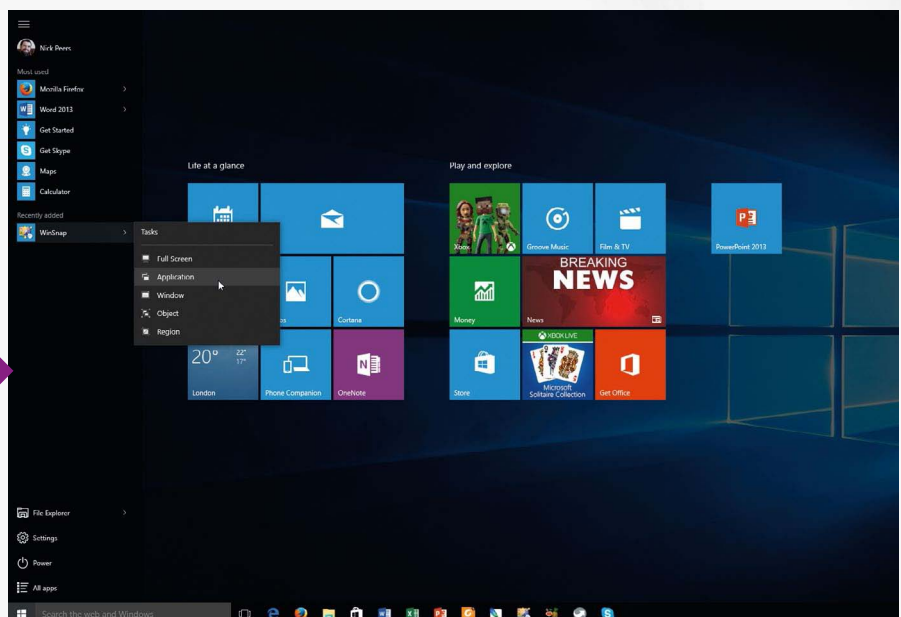


Where's your product key

If you've taken advantage of the free Windows 10 upgrade offer, then you won't have been given a product key. You won't need it going forward – you can note it down using Belarc Advisor (www.belarc.com), but what you'll discover is it's identical to everyone else who has upgraded to the same version of Windows (whether it's Home or Pro) as you. Should you need to reinstall Windows, skip the bit where you're asked for a product key and Microsoft will recognise your PC as legitimate and activate it with no problem.

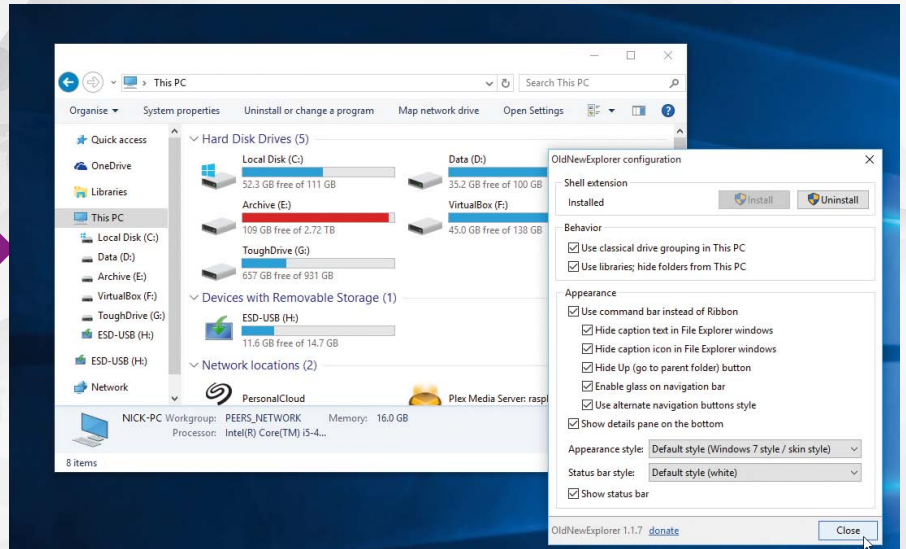
Restore the Start screen

If you prefer the full-screen Start screen experience from Windows 8 and 8.1, click 'Start > Settings' and go to 'Personalisation > Start'. Click the 'Use Start full screen' to 'On' and when you next click the Start button the menu will appear full-screen, with the tiles given all the space they need. Click the menu button in the top left-hand corner to reveal the new Start menu's left-hand pane with the shortcuts to 'Most used' and 'Recently added' apps, plus File Explorer, Settings and power buttons as well as the 'All apps' menu.



Lose the File Explorer ribbon

We've loved the File Explorer since its introduction in Windows 8, but if you're not a fan of its ribbon interface, then you can disable it and restore the Windows 7 look using a program called OldNewExplorer – download it from <http://tihy.net/files/OldNewExplorer.rar>. You'll need a program capable of extracting RAR files to use it – try 7-Zip (www.7-zip.org). Once extracted, launch the program and click 'Install', then tick the various boxes to change how File Explorer looks – close and reopen any File Explorer windows to see the effects.



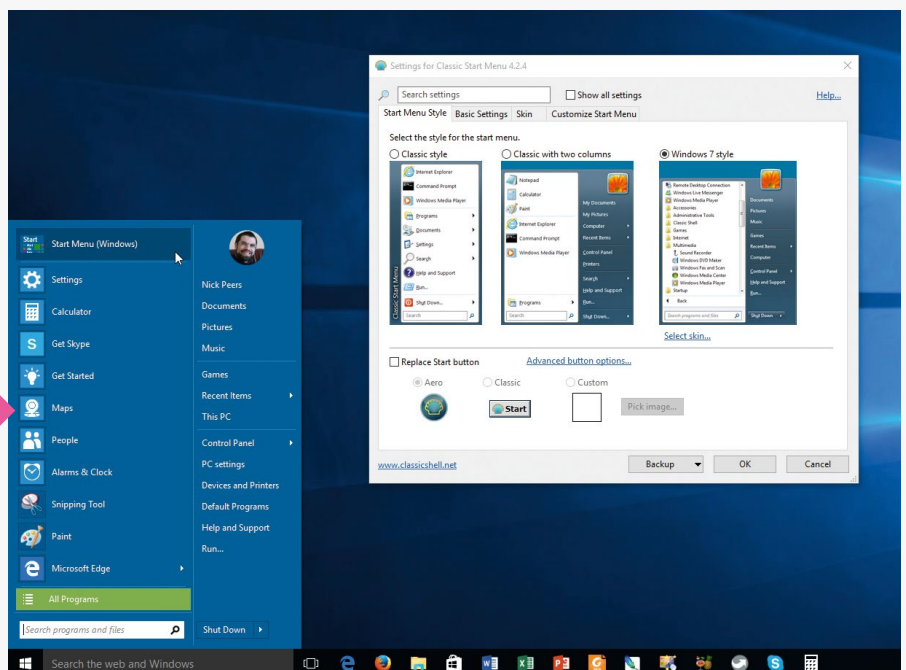
- Programs and Features
- Power Options
- Event Viewer
- System
- Device Manager
- Network Connections
- Disk Management
- Computer Management
- Command Prompt
- Command Prompt (Admin)
- Task Manager
- Control Panel
- File Explorer
- Search
- Run
- Shut down or sign out
- Desktop

Customise the hidden Start menu

Like Windows 8 before it, Windows 10 has a hidden Start menu – press the [Windows]+[x] keys or right-click the Start button to access it. The menu includes handy shortcuts to hidden parts of your system such as the old Control Panel, Run dialogue box and Event Viewer. But why stop there? Add your own, or rearrange and delete existing shortcuts courtesy of the Win+X Menu Editor. Download the zip file from <http://winaero.com/download.php?view.21>, right-click it and choose 'Extract All' to save it to a suitable folder.

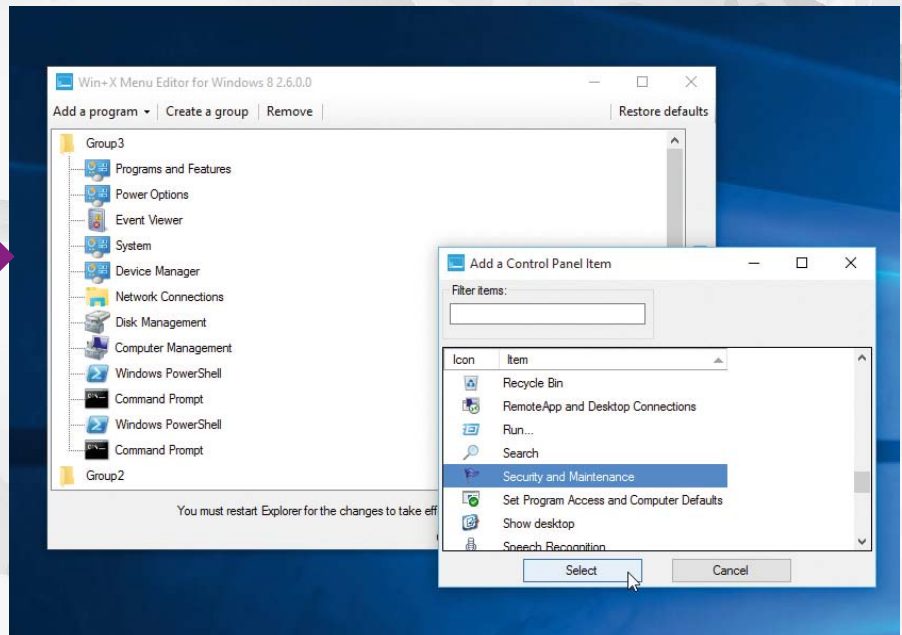
Restore classic Start menu

If you've upgraded from Windows 7, you might not like the new Start menu at all. If you're hankering for the 'classic' style, then download and install Classic Shell from www.classicshell.net. During installation, untick all entries except 'Classic Start Menu' and 'Classic Shell Update'. Once it's installed, click the Start button to configure it – the default settings should be fine, so click 'OK'. The classic Start menu blends in with the Windows 10 look, but provides settings and shortcuts you'll be more familiar with – there's even a shortcut to the Windows 10 Start menu too.



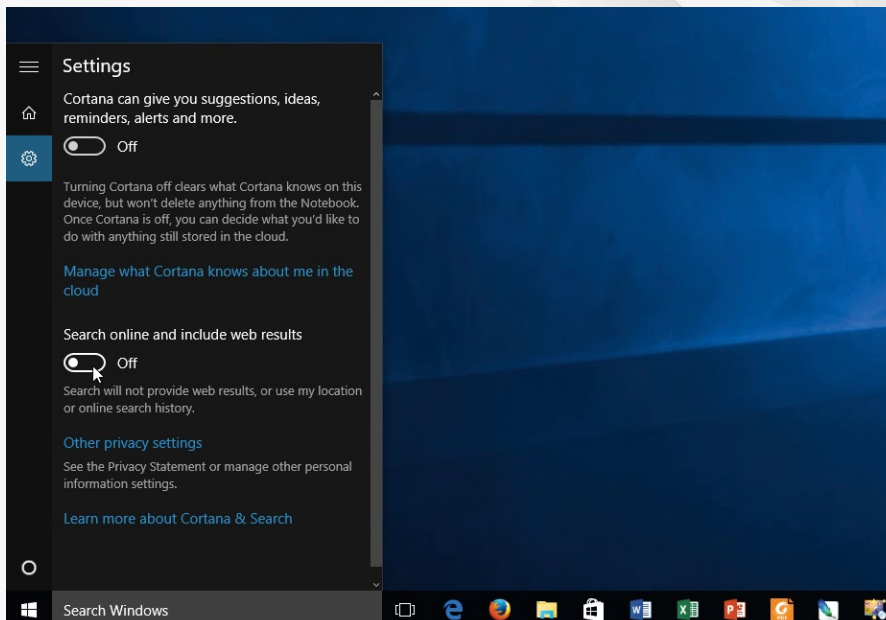
Add shortcuts

Once extracted, browse to the x64 (64-bit) or x86 (32-bit) folder, then double-click WinXEditor.exe to start tweaking. Click the 'Add a program' button and choose 'Add a program' to manually browse for a program, or 'Add preset' for options such as shutdown and restart entries. You can also easily add individual Control Panel applets and administrative tools, including Disk Cleanup, Task Scheduler and more. Organise applications into groups, and remove any you don't need. Click 'Restart Explorer' to update the menu, or 'Restore defaults' to undo all your changes if you make a mistake.



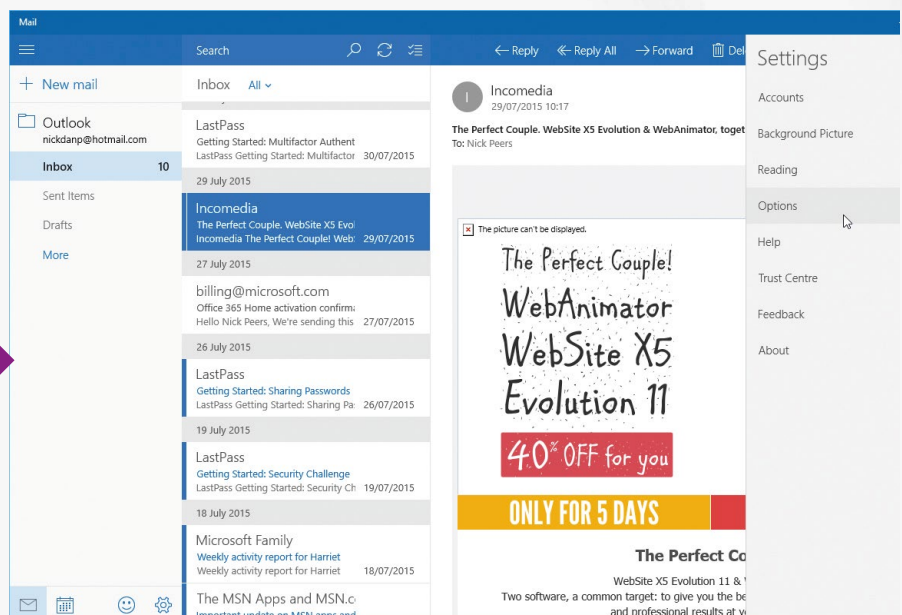
Disable Cortana

There's little doubt the Windows 10 search bar is useful, but it links into Microsoft Cortana by default. If you decide you don't like Cortana's additional tools, reduce its functionality to that of previous versions of Windows: click the search bar to open Cortana. If you're using it for the first time, click 'Not interested' to disable it; otherwise, click the Settings button and flick the 'Use Cortana' switch to 'Off'. You can also disable the web portion of Windows 10's search capabilities from here too, restricting searches to files, programs and settings on your PC.



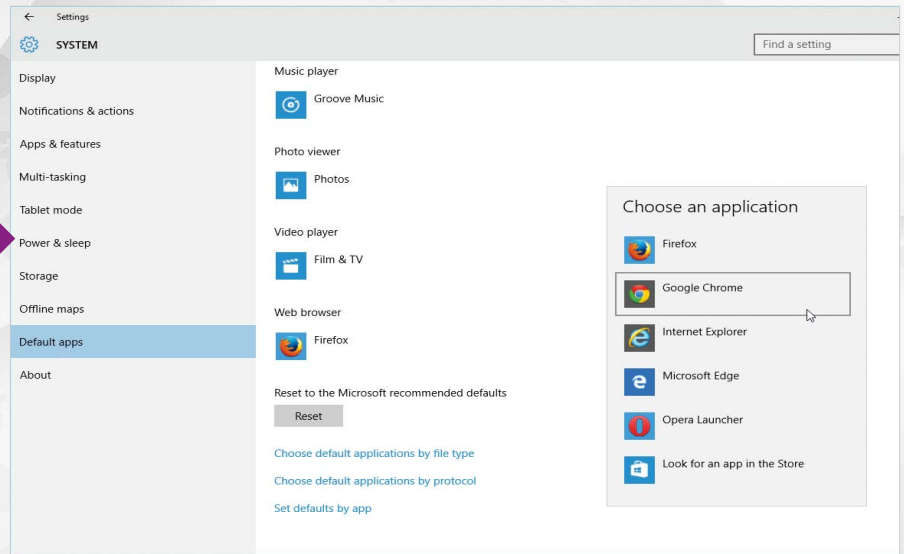
Where has the Charms bar gone?

Windows 8's Charms bar – accessible from the right-hand edge of the desktop – has disappeared in Windows 10... For those who miss it, here's where you find its tools now: first, the Power and Settings buttons are accessible directly from the Start menu itself, while the Search box on the Taskbar replaces the Search charm. Other Charms, including Settings, Share and Print are now incorporated into Microsoft Store apps – some apps make them available via the hamburger-like menu on the app's title bar; otherwise they're hidden inside the app itself.



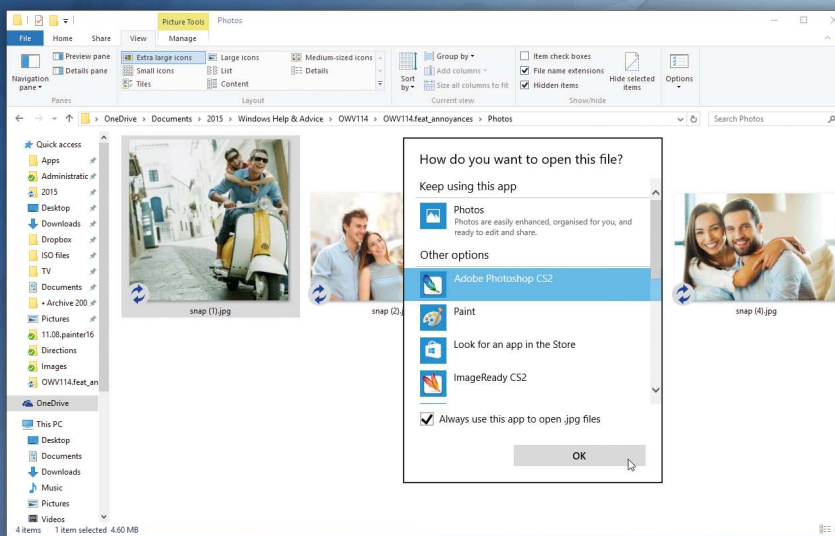
Change default apps in Settings

After upgrading to Windows 10, Microsoft changes your default browser to Edge. To fix this manually, click 'Start > Settings > System > Default apps'. Click the Edge entry and then pick your browser from the list that pops up. You can change other key app defaults here: video, photo, mail and so on. For a wider range of app choices, click 'Set defaults by app'. Advanced users can also set defaults by file type or protocol using the appropriate links.



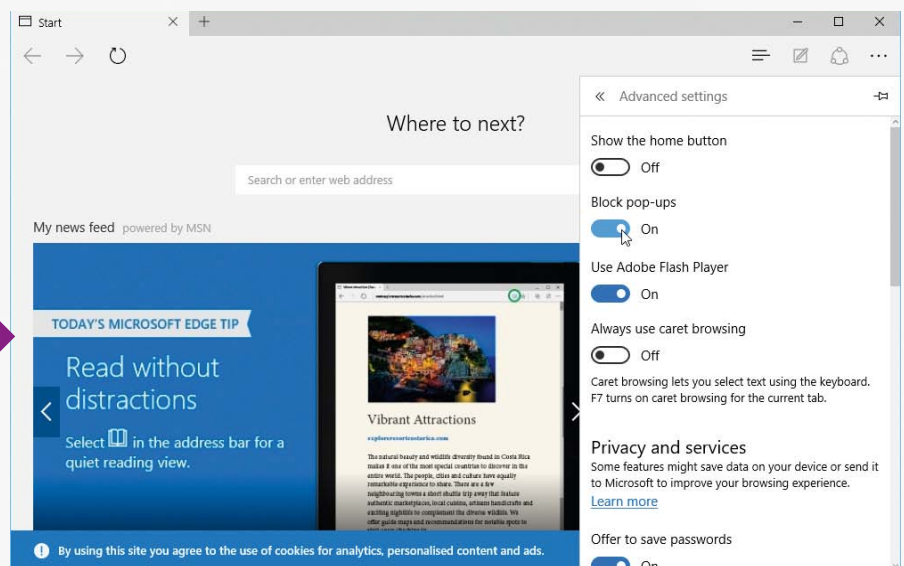
Change default app by file type

If your app isn't listed when trying to set it as the default via Settings, try this instead: browse to a file you want to open, then right-click it and choose 'Open with > Choose another app'. Then tick the 'Always open this app...' box before selecting your chosen default. If it's not in the list, click 'More apps' to reveal more choices, and if your chosen program still isn't there, click 'Look for another app on this PC' to manually select it. Start your search under Program Files or Program Files (x86).



Tighten privacy in Edge

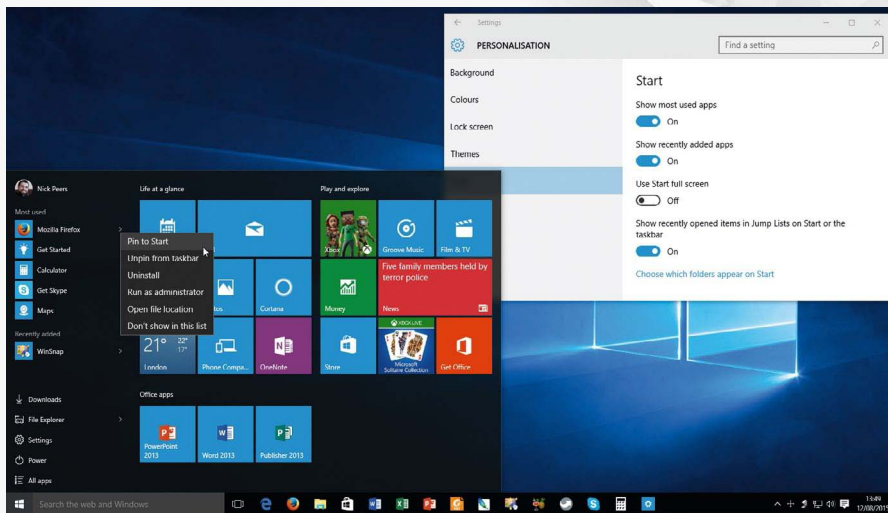
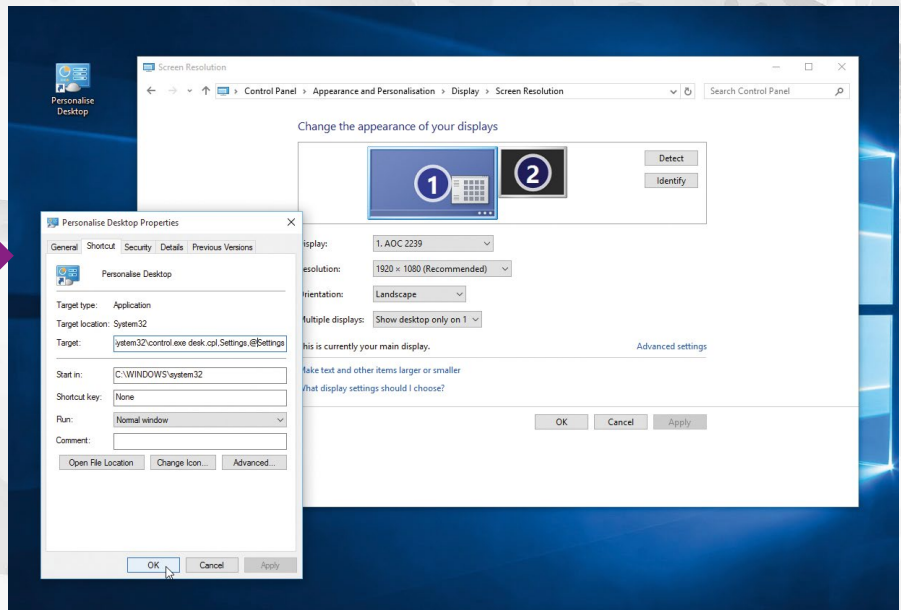
If you stick with Edge, there are some important privacy settings you need to switch on before relying on it. Launch the browser, then click the '...' button in the top right-hand corner and choose 'Settings'. Scroll down and click 'Advanced settings' and make sure the 'Block pop-ups' slider is set to 'On'. While you're here, flick 'Send Do Not Track requests' to 'On', then set Cookies to 'Block only third-party cookies' for greater privacy.



Access classic Display settings

We're not massive fans of the new Personalisation dialogue, which is now part of Settings. If you've a hankering for the Display Settings dialogue from Windows 7 and 8, create a shortcut to it on the desktop: right-click some blank space and choose 'New > Shortcut'. Type the following into the Location box: `control.exe desk.cpl,Settings,@Settings`

Click 'Next', give it a suitable name and click 'Finish', then use this shortcut to tweak display settings.



Customise the Start menu

Alternatively, take the time to make the Start menu your own using the 'Personalisation > Start screen'. Click 'Choose which folders appear on Start' to pin folders to the Start menu. You can also resize the Start menu to alter its height and width – just click and drag on its top or right-hand edge to do so. Drag it to the right to add columns to display more of your tiles on-screen at once. You can then pin apps from the 'All apps' list here (right-click the app and choose 'Pin to Start'), then drag them into groups or whatever order you choose.

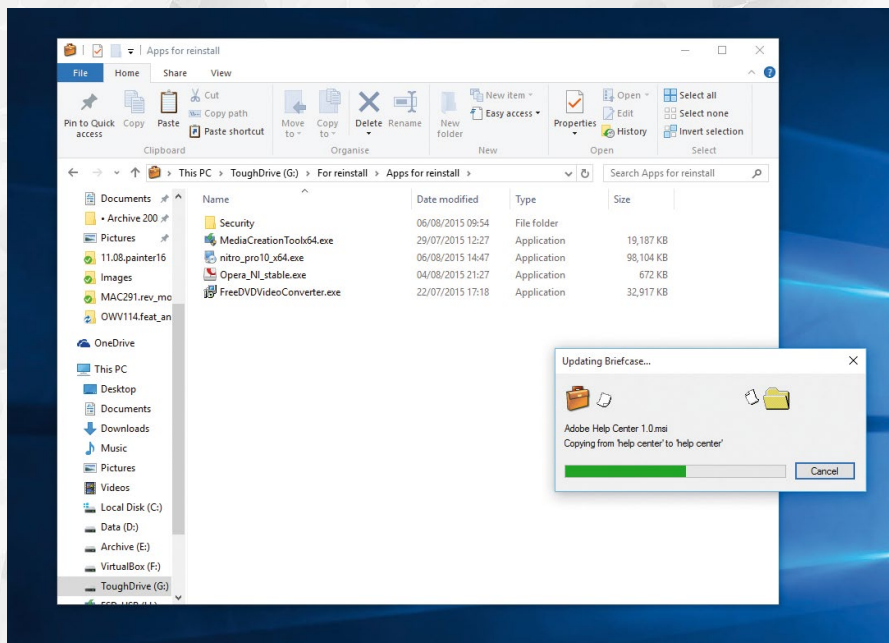
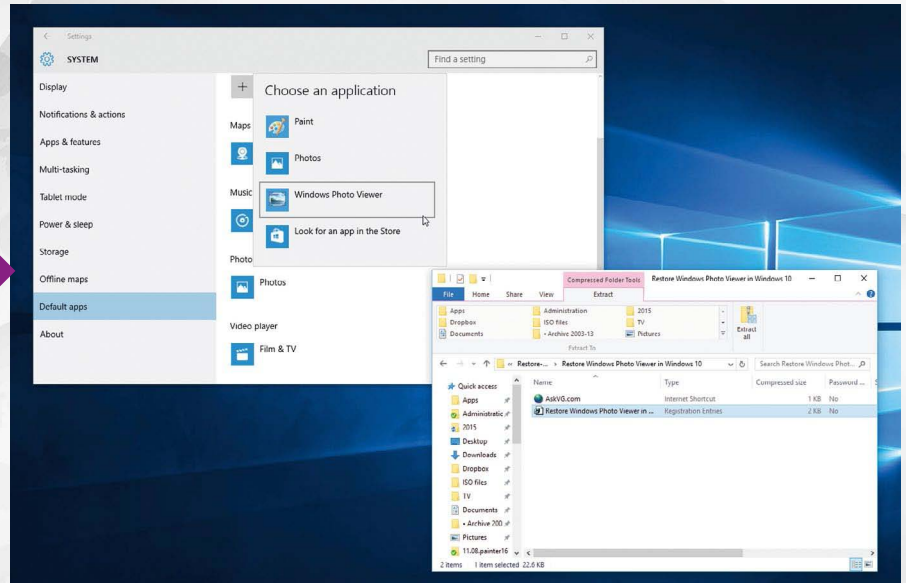
Bring back Gadgets

There are many good reasons for leaving Gadgets alone – some can pose a security risk after all – but if you've upgraded from Windows 7 and can't live without them, you can restore them using 8GadgetPack (<http://8gadgetpack.net>), which also works in Windows 8/8.1. Not only does it restore full Gadget functionality, but you gain modern improvements such as support for high-DPI screens, allowing you to resize your gadgets for larger displays.



Restore Windows Photo Viewer

Microsoft has replaced Windows Photo Viewer with the Photos app, but it's possible to restore it as an option when setting the default app for photos. It's a convoluted process – see 'Method 4' at www.askvg.com/tip-restoring-windows-photo-viewer-as-default-in-windows-10/ but, the site provides a ready-made zip file containing the required Registry entries. Download this to your hard drive, then open it to access the .reg file within. Double-click this and choose 'Run' followed by 'Yes' (twice) – to make Windows Photo Viewer an option again.

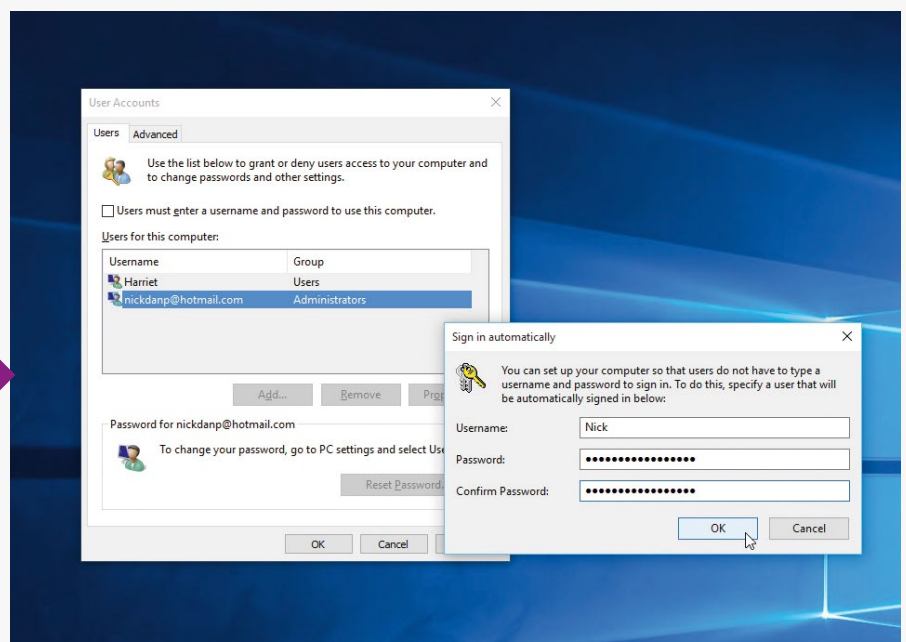


Restore Briefcase

It had niche appeal, but the Briefcase was one of the earliest tools for keeping data synced between two locations. While it's been removed from Windows 10 (and 8), you can get it back again with a Registry tweak. Download the required file from <http://winaero.com/blog/wp-content/uploads/2012/09/Briefcase.zip>. Double-click it to open it, then double-click Windows 8-Enable Briefcase.reg. Click 'Run' followed by 'Yes' twice, then restart Explorer via Task Manager to restore its features. Note, it doesn't work well with User Account Control, so don't create Briefcases inside any administrator-protected folders.

Bypass login

If you're the only user of your PC and you'd like to boot straight to the desktop without having to enter your password each time, here's what to do. First, press [Win]+[R] to open the Run dialogue box, then type netplwiz and press [Enter]. Make sure your user account is selected, then untick 'Users must enter a username and password to use this computer'. Enter your user password and click 'OK' twice. Windows will also require you to enter your password after your PC wakes from sleep. If security isn't an issue, click 'Start > Settings > Accounts > Sign-in options' and change the 'Require sign-in' dropdown menu to 'Never'.



Watch DVDs on your PC

Windows Media Player loses the ability to play DVD video in Windows 10 (as it did in Windows 8 before it). You can purchase Microsoft's Windows DVD Player for £11.59 from the Store, but why do that when VLC Media Player allows you to watch DVDs – including non-region 2 discs – for free? Just download and install it from www.videolan.org/vlc. Before you play any movies, open the Video menu and choose 'Deinterlace > Automatic' to improve the picture quality.



Replace Windows Media Center

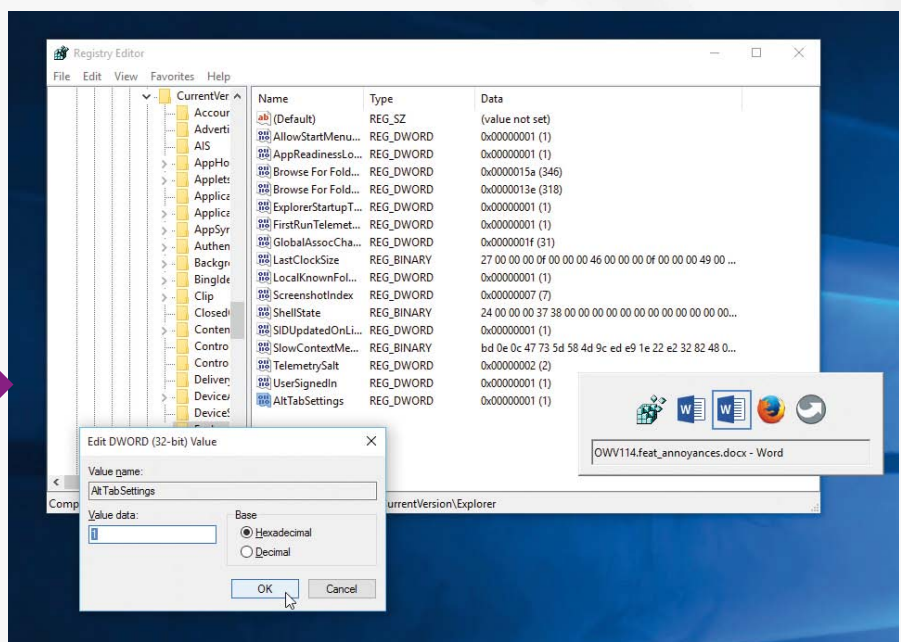
Windows Media Center has also been dropped from Windows 10. There are plenty of free alternatives, but our personal recommendation is Kodi (www.kodi.tv), which also has a built-in DVD player. If you have a TV tuner attached to your PC for watching and recording live television, then you'll also need NextPVR (www.nextpvr.com) along with the CCCP pack (<http://www.cccp-project.net/>).

Visit <http://kodi.wiki/view/NextPVR> for a guide to pairing NextPVR with Kodi.



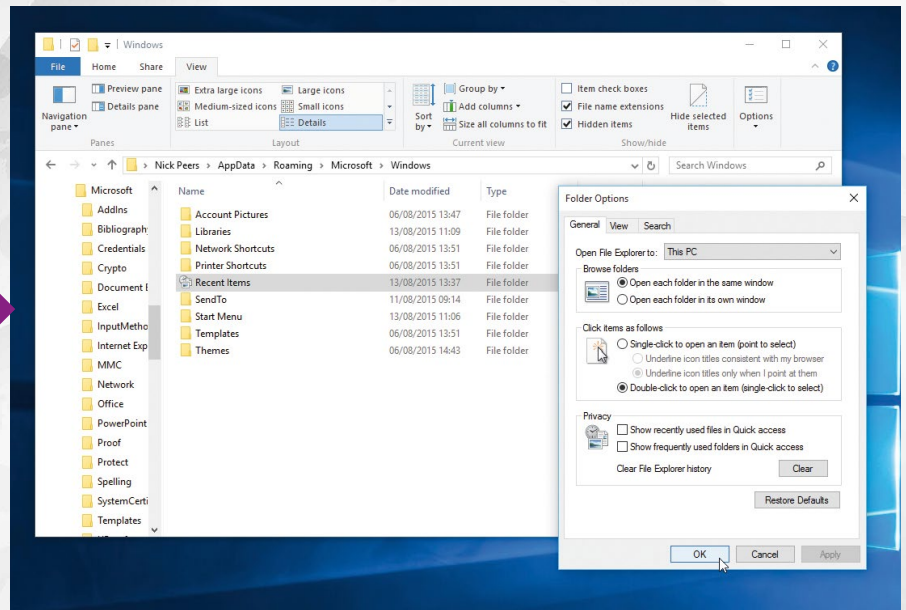
Restore classic [Alt]+[Tab] switcher

Press [Alt]+[Tab], and Windows 10 displays a list of thumbnails for all open windows. If you'd rather stick with the old look, press [Win]+[R] and type 'regedit' to open Registry Editor. Browse to the following key: HKEY_CURRENT_USER\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer. Now select 'Edit > New > DWORD (32-bit) Value'. Name it AltTabSettings. Double-click the value and set it to 1. Now restart Explorer from Task Manager to restore the icon task switcher.



Tame Quick Access

The Quick Access menu replaces both Recent Places and your Favourites folder in File Explorer's Navigation pane, but it can be a bit of a mess, mixing pinned icons, frequently accessed folders and recent items. Open File Explorer, switch to the ribbon's View tab and click 'Options'. You can disable the latter two items via the Privacy boxes, plus instruct File Explorer to open to the This PC view instead of Quick Access if you wish. You can also pin the old Recent Places shortcut to Quick Access too: press [Win]+[R], type '%AppData%\Microsoft\Windows\' and press [Enter]. Right-click the Recent Items shortcut and choose 'Pin to Quick Access'.



Settings



MANAGE WIFI SETTINGS

WiFi Sense

WiFi Sense connects you to suggested WiFi hotspots and to WiFi networks that your contacts share with you. By using WiFi Sense, you agree that it can use your location.

Remember, not all WiFi networks are secure.

[Learn more](#)

Connect to suggested open hotspots



Connect to networks shared by my contacts



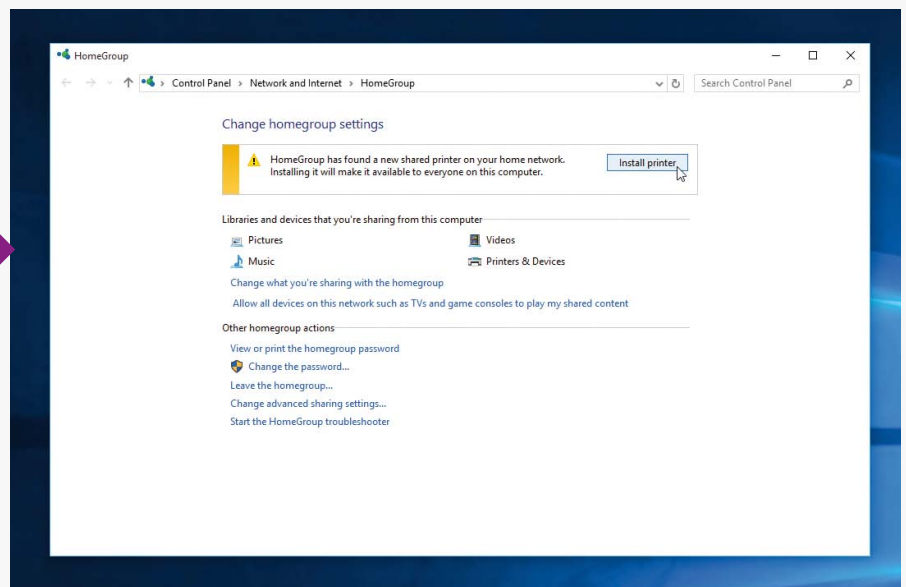
Give and get Internet access without seeing shared passwords. You'll get connected to WiFi networks your contacts share, and they'll get connected to networks you share.

Disable Wi-Fi Sense

If you connect wirelessly to your network, then the Wi-Fi Sense feature, which connects you to crowdsourced Wi-Fi hotspots and networks shared by your contacts, is enabled by default if you choose Express Settings during the Windows 10 upgrade process. It's designed to make it easier to connect to friends' networks through your Facebook, Outlook.com or Skype contacts list, but if you'd rather not share this information, make sure you disable it. Click 'Start > Settings > Network & Internet > WiFi'. Click 'Manage WiFi Settings' and flick both switches to 'Off' to prevent your network details being shared with others.

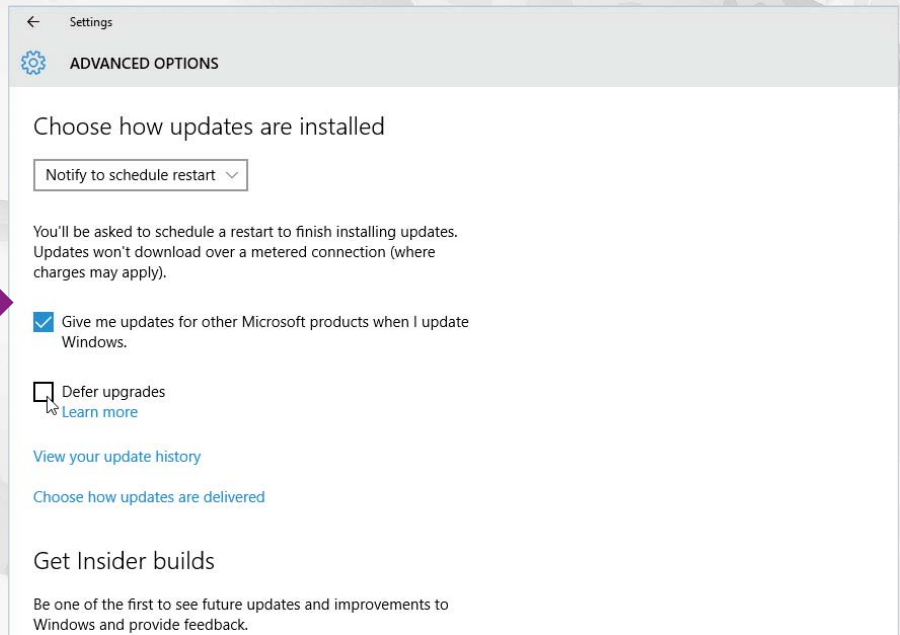
Resolve any HomeGroup issues

A number of people have struggled to connect to their existing HomeGroup after upgrading to Windows 10. Start by running the HomeGroup troubleshooter, which you can access via the HomeGroup Control Panel (type 'homegroup' into the Search box to locate it). If this doesn't yield a solution, Google 'homegroup problems' and click the first result in the list ('HomeGroup problems in Windows - Windows Help'). Work your way through the suggestions underneath 'I can't create, join or use a HomeGroup' - don't worry that it's written for Windows 8; the solutions apply equally to Windows 10 too.



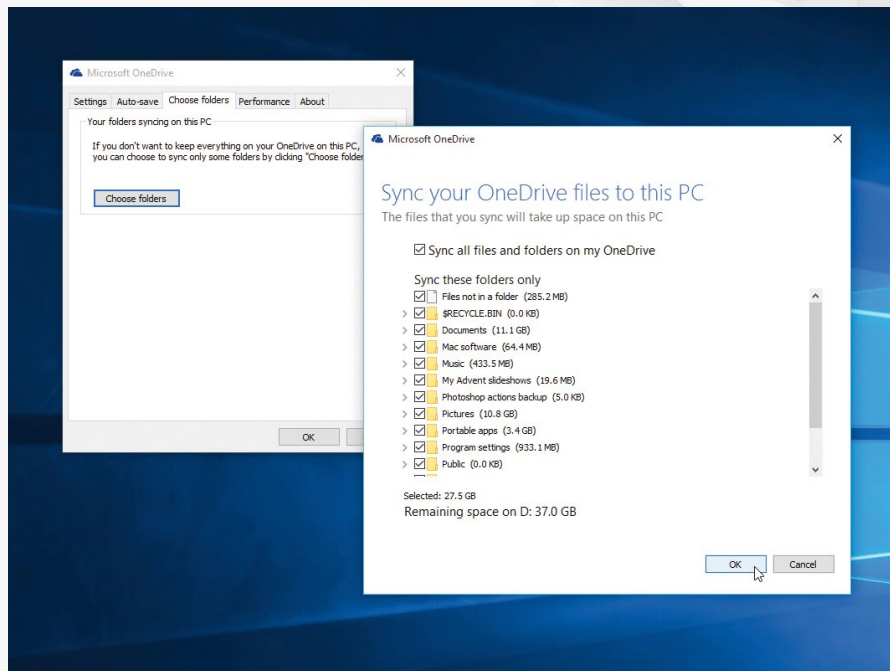
Improve the Windows Update

By default Windows Update now delivers all updates automatically. While you can't put them off indefinitely, go to 'Settings > Update & Security > Windows Update > Advanced Options'. Windows 10 Pro users can select 'Defer upgrades' to put off non-security updates for several months. Windows 10 Home users should set 'Choose how updates are installed' to 'Notify to schedule restart' to get alerts that updates are about to be installed. Home users with Wi-Fi connections can also postpone updates by going to 'Settings > Network & Internet > WiFi > Advanced Options' and flicking the 'Metered Connection' switch to 'On' until you're ready to update.



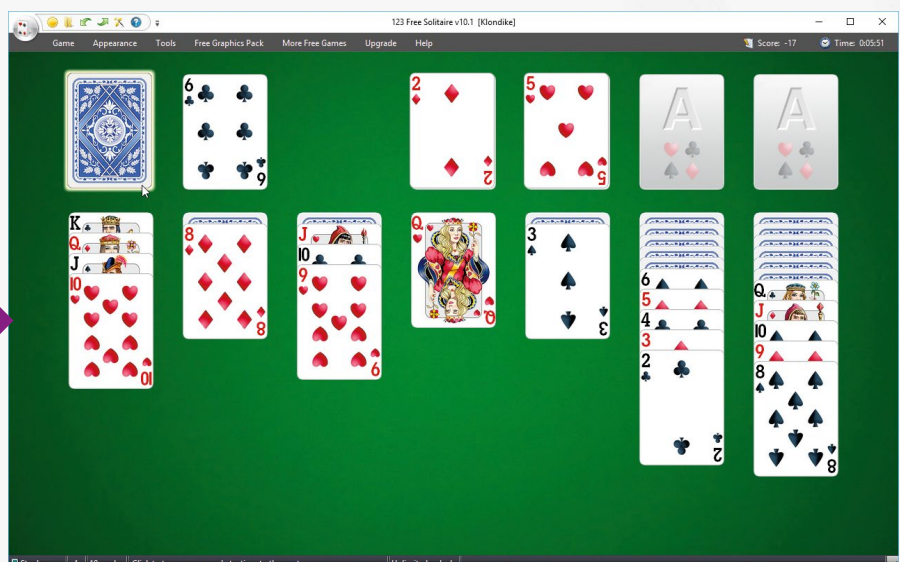
OneDrive changes

One of the best features of OneDrive in Windows 8 was the ability to use 'placeholders' for certain folders, effectively giving you access to your stored files without having to also hold a copy on your hard drive. Sadly Windows 10 ditches this feature (for now); instead you need to specify which folders you want to keep synced on your PC. To do this, right-click the OneDrive icon in the Taskbar Notification area and select 'Settings'. Switch to the Choose Folders tab and click the 'Choose Folders'. Untick 'Sync all files and folders on my OneDrive' and then tick only those folders you need access to.



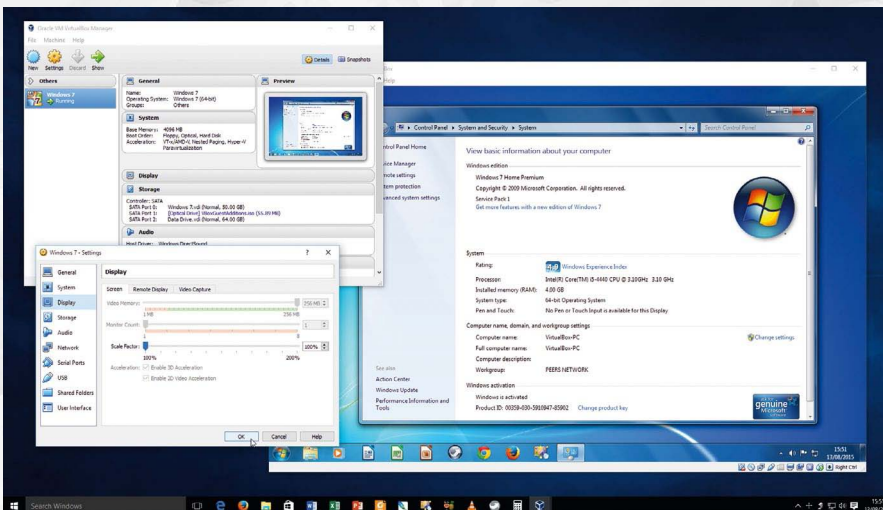
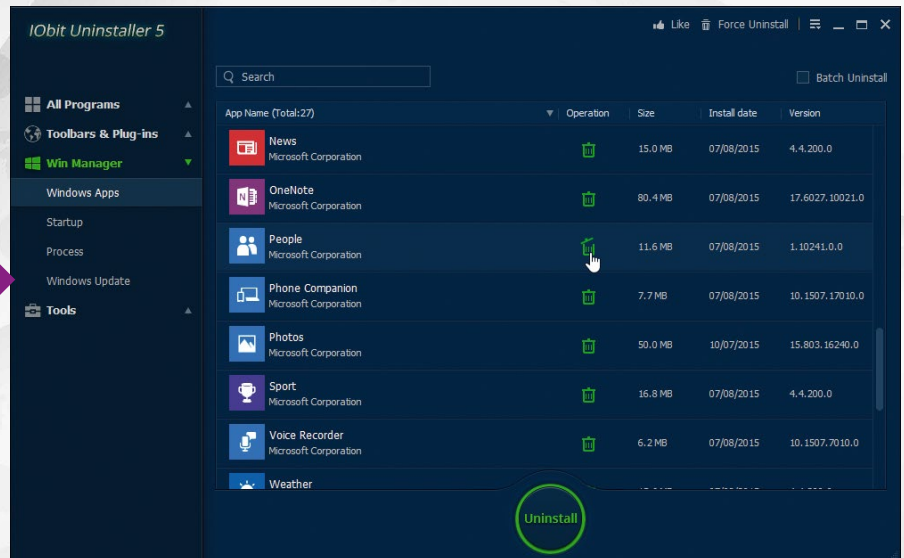
Restore Solitaire

Microsoft has made Solitaire freemium in Windows 10 – you'll need to download the app from the Store, then pay a subscription fee to remove the ads. If this is too much, try Solitaire Collection Free from the Store instead – it's also ad-supported, but you can pay a one-off fee of £2.29 to remove them. If you'd rather play on your desktop, then download 123 Free Solitaire from www.123freesolitaire.com instead – the download you want is the second on the download page. This is ad-free, and comes with 12 games. Configure how it works by clicking 'Game > Autoplay' and exploring 'Tools > Options'.



Remove unwanted apps

Windows 10 ships with a number of built-in apps such as Mail, Money and Groove Music. If you don't like any of these, Microsoft doesn't provide an Uninstall option. However, you can still ditch them with the help of IOBIT Uninstaller 5 (www.iobit.com/advanceduninstaller.php). Once installed, open the app from the 'Start menu > All apps menu', then select Win Manager from the left-hand menu and select Windows Apps. Expand the Windows Apps section where you'll see all the apps listed. Click the dustbin next to one to remove it. Any apps can be restored later through the Store.

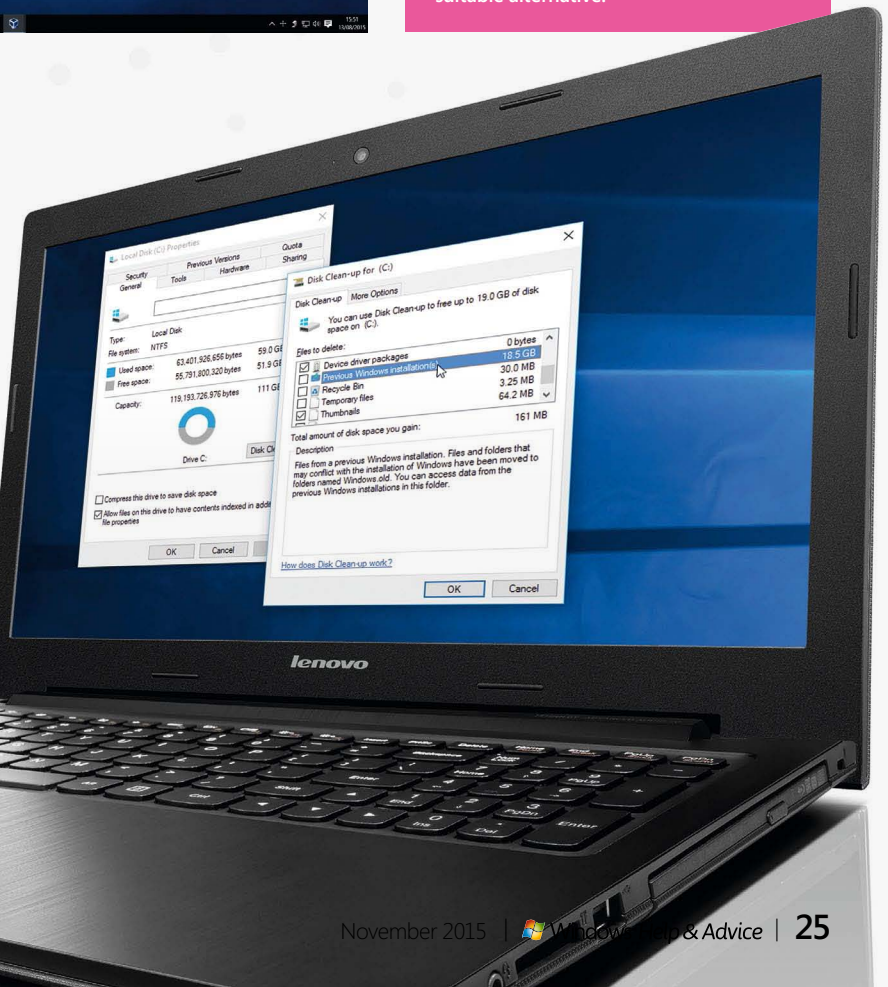


Run older apps

Most apps that work in Windows 7 and 8 should also work in Windows 10, but if your app won't work then all may not be lost. If you still have access to a non-OEM copy of an older version of Windows, you can install it in a virtual machine courtesy of VirtualBox (www.virtualbox.org). This basically lets you create a virtual PC inside Windows 10, into which you can install your old programs while you look for a compatible update or suitable alternative.

Recover hard drive space

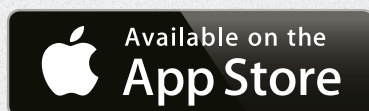
Once you're up and running with Windows 10, and convinced you won't need to go back to your previous version of Windows, it's time to free up drive space. Open File Explorer, go to This PC, right-click your C drive and choose Disk Clean-up Properties, then click the Disk Clean-up button. As soon as the dialog opens, click 'Clean up system files' and wait for it to scan again. Go through the list ticking those items you don't need – the biggest item by far will be 'Previous Windows installation(s)'. Tick this to free up space, but remember there's no going back once the files are gone.





Get more from your Mac

Try the new issue of MacFormat
free* in the award-winning app!
bit.ly/macformatipad



Packed with practical tutorials and independent advice – discover why MacFormat has been the UK's best-selling Apple magazine for seven years!

* New app subscribers only



Explore

► WINDOWS TIPS ► INTERNET ADVICE ► EXCITING NEW PROJECTS

Welcome



Whether you're stuck for inspiration or want to become a master of your

Windows computer, our Explore section is the place to come. Each month we pack it with tutorials covering a range of subjects suitable for all levels of expertise.

This month, Andrew shows how to keep your media organised in Windows 10, while Nick explains how to recover lost or deleted data, and Dan takes a look at Microsoft Edge. There's never been a better time to see how your PC can make your life easier than ever!

Graham Barlow
Editor-in-chief

graham.barlow@futurenet.com

Full listing...

28 Organise your photos and videos in the new Windows 10

34 How to take regular backups of your entire hard drive

38 Speed up your system for better performance

40 Tweak your photos with the Adobe Photoshop Express app

44 How to recover lost or accidentally deleted files

48 Find out how to password protect certain folders

50 Lock down Windows 10 to keep your information private

54 Discover music with the new Groove app in Windows 10

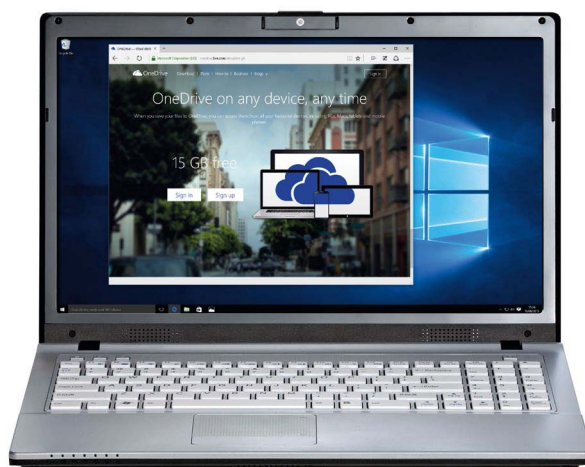
58 Welcome to Microsoft Edge, Windows 10's new browser

60 Tips for browsing the web with Microsoft Edge

*Your guide
Andrew Westbrook says...*

"With multiple ways to take photos, play music and record video, it's essential to stay organised"

*Turn to page 28
for more*



Our promise to you...

Get more from Windows, software and all your favourite sites

Packed with informative tutorials

✓ Every issue, we guarantee to pack the magazine with great tutorials teaching you all the best things you can do with your PC. Each article features step-by-step instructions to make learning new skills fast and enjoyable.

Customise Windows to work your way

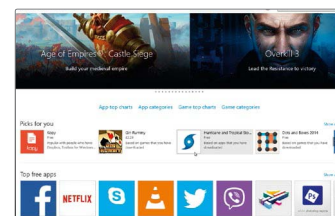
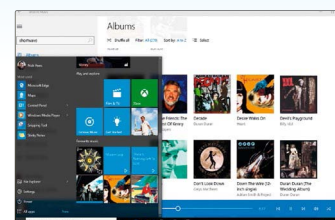
✓ We all know how to do the basics but getting the most from Windows isn't always easy. Our dedication to the operating system means you get the very best tips and tricks for all versions of Windows.

Get more from your favourite websites

✓ We all have our list of favourite sites but often we miss out on great features because they're difficult to use or hidden from sight. We'll show you how to do more online, for a more satisfying web life.

Discover new programs with our help

✓ From speed-up and security software to superb photo apps, there's always something new to try on your PC. The Windows Store in Windows 10 and Windows 8.1 is packed with software to download.



Learn how to... Organise your media



Your guide *Andrew Westbrook* says...
"Connecting your devices and using powerful apps will make finding what you want a breeze"

At a glance...

SKILL LEVEL

- ▶ Anyone can do it
- ▶ Straightforward
- ▶ Tricky in parts

TIME TAKEN

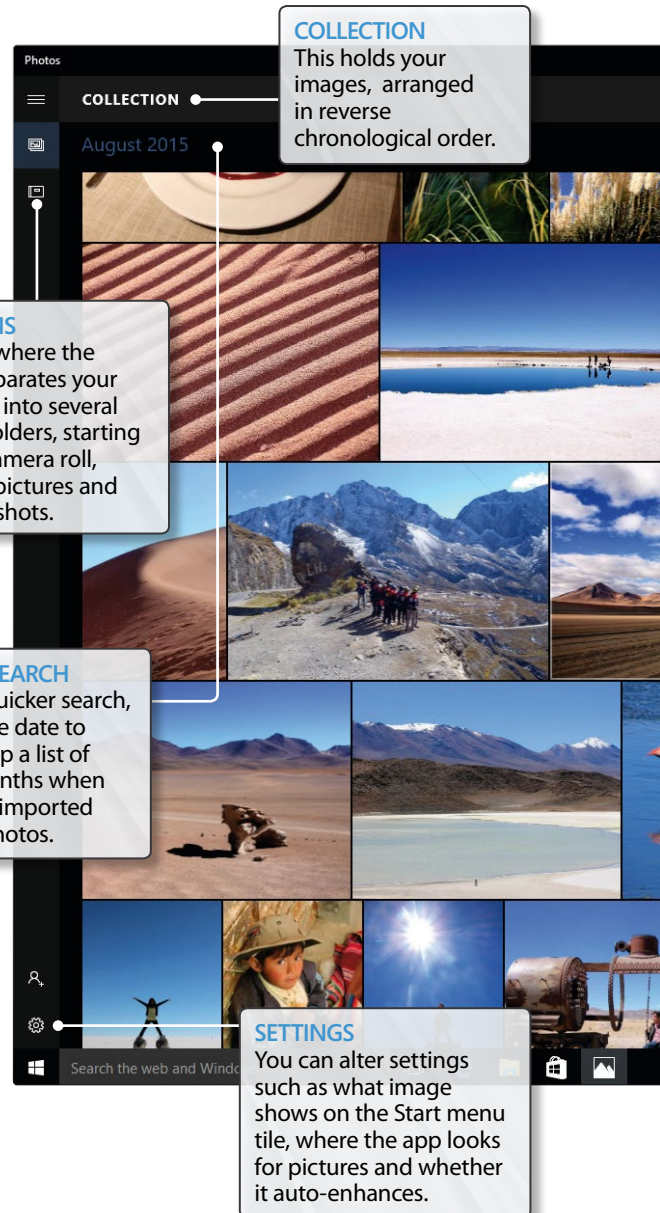
- ▶ **60** minutes

SUITABLE FOR

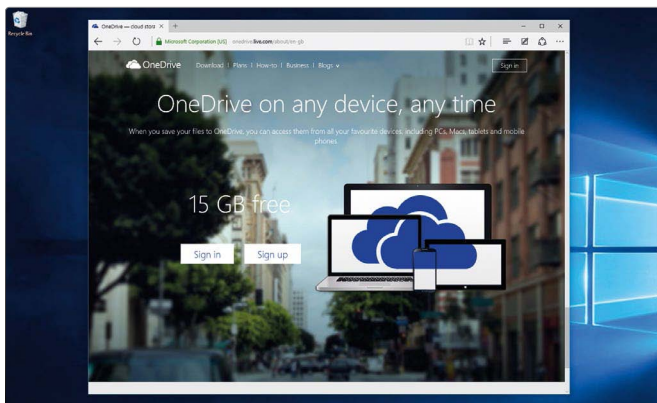
- ▶ Windows 10
- ▶ Windows 8.1
- ▶ Windows 7

These days most people have multiple devices, with multiple ways to take photos, play music and record videos, so it's more important than ever to stay well organised. Otherwise, before you know it, you'll have gathered a huge library of media, and no way to easily find what you want without trawling through endless folders.

Fortunately, Windows 10 is making it easier to stay on top of things. The basis of the new system remains the same with folders – now called Pictures, Music and Videos – that you'll be familiar with from previous versions of Windows. There is also seamless integration with Microsoft's universal OneDrive, which safely backs up files in the **cloud**, while linking your devices. Added to that, however, are new easy-to-use apps, such as Photos and Groove Music. Here's how to get organising.



Step-by-step | Get super organised by getting connected



1 Set up OneDrive
If you've set up your Microsoft account, you'll have access to Microsoft's cloud storage service, OneDrive. If not, sign up at www.onedrive.com. You get 15GB of free storage, which rises to 1TB if you're an Office 365 subscriber. Next, install the OneDrive app on your phone and tablet, then set your device to automatically upload photos and videos to your OneDrive account.



2 Find your desktop app
You'll discover the new Photos app within the Start menu. It should be one of the blue tiles on the right, unless you've already got some snaps on your PC, or in your OneDrive account, in which case it will feature one of those pictures. If you can't spot it, click 'All apps' in the bottom-left of the menu and scroll down. It's the same process for the apps we'll talk about later.

IMPORT AND SELECT

These buttons offer quick ways to import more photos, check for new photos to be imported and select individual or multiple images.

Jargon buster!

► Cloud

Storage services, such as OneDrive, that back up your data online. Keeping files in the cloud means they're safe if your PC dies, plus you can access them from any machine with web access.

► Import

The process of adding files to your PC or an app, for example from a memory card or USB stick.

► App

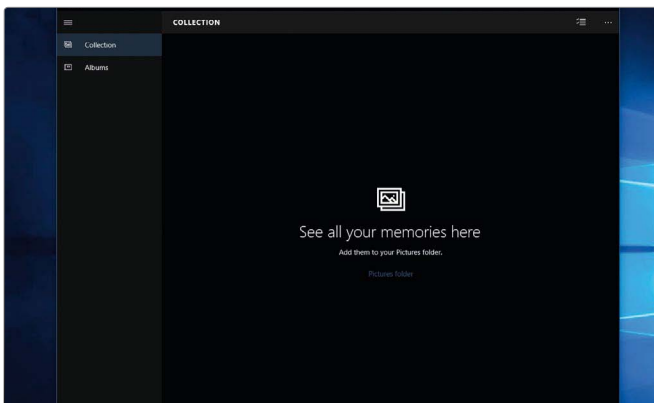
Applications are self-contained programs. The term is usually associated with smartphones and tablets, but has been adopted by desktop PCs.

VIEW, EDIT, SHARE

Click on an image to enlarge it. You can also share, print or make it your background, plus use the editing tools.

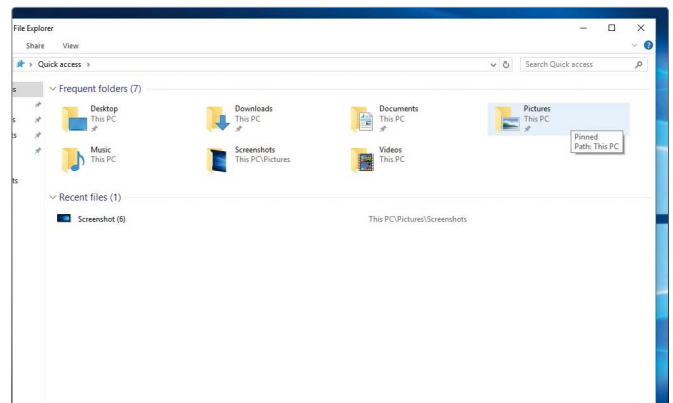


ANDREW'S BEST TIP!
Don't neglect OneDrive. Spend an hour or so, every now and then, deleting unwanted files and creating logical subfolders.



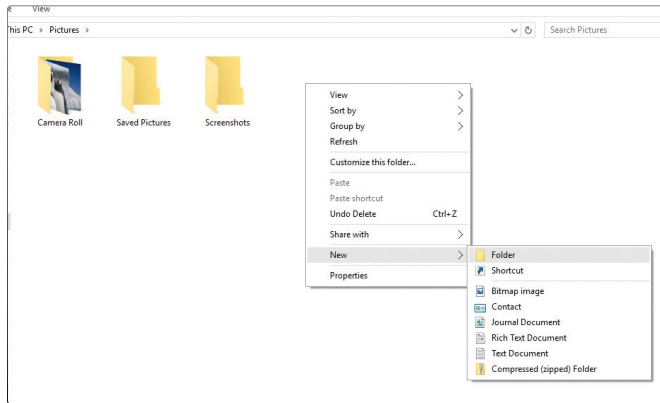
3 Exploring Photos

If you haven't added any pictures yet, you'll be met by a plain screen. On the left are the Collection and Album menus – click into 'Albums', and you'll see it's split into Camera roll and Screenshots. As soon as you **import** photos, or enable OneDrive on your phone or tablet, the app will add those snaps. Imported OneDrive files are also saved locally, in 'Local Disk > Users > OneDrive'.

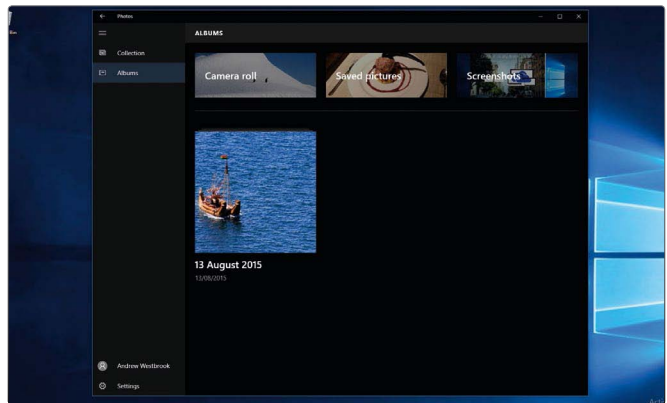


4 Importing photos

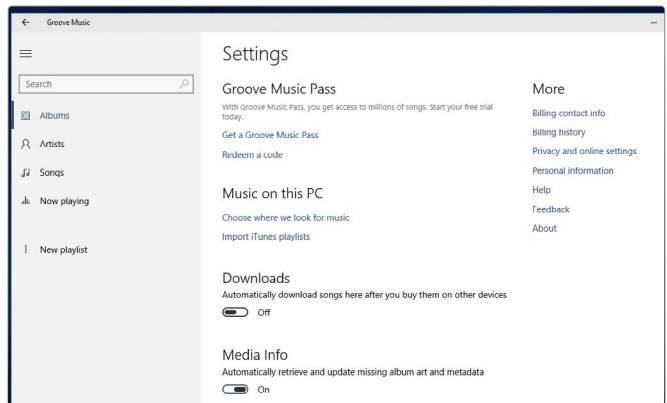
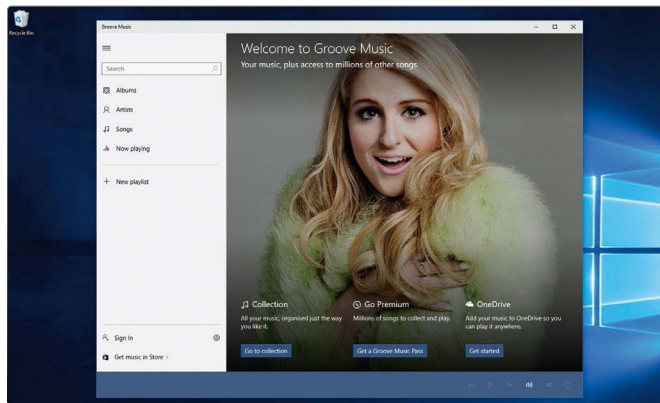
To retrieve photos from a memory card, plug it into your PC. Windows will ask where you'd like to import your photos to. Select 'This PC > Pictures', then 'Import'. Your media will be imported into the folder. Next, open the Photos app, which will automatically grab all the images. The app will also automatically add them to your online OneDrive account.



5 Arranging folders
Photos organises your images into folders – ‘Camera roll’ sorts them by date; ‘Saved pictures’ are ones you’ve edited; and ‘Screenshots’, which you take by hitting [Windows]+[Print Screen]. It’s a good idea to add subfolders to the source folders. In Pictures, right-click anywhere, hit ‘New > Folder’, fill in a name and drag in the relevant files. Do the same in OneDrive, using the ‘New’ menu.

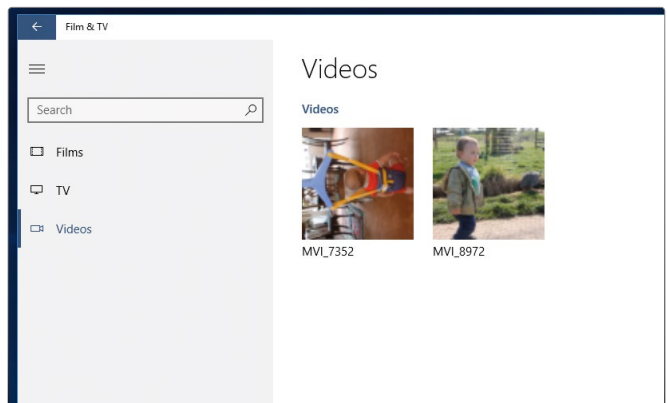
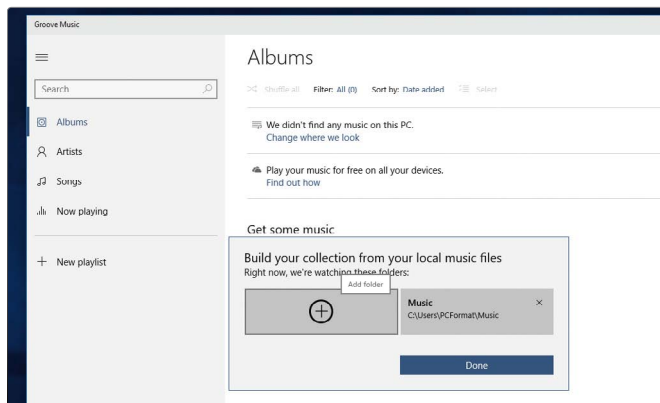


6 Easy access
Now, with minimum hassle, all of your images, from your phone, tablet and PC, are stored and organised on your PC and remotely in the cloud. This makes life simpler and more secure, while also making it easy to move your collection if you switch PC. You can even see your snaps in camera-roll form and stream videos by logging into OneDrive, if you can’t access your own PC.



7 Groove Music
Music has been given an overhaul, due to the end of support for Windows Media Player. And Windows 10 has a new music app called Groove Music, which will be self-explanatory if you’ve used music players before. Like the Photos app, it helps you organise your collection and playlists in one location. Again, you’ll find the app through one of the tiles in the Start menu.

8 Finding your music
When you first open the app, it will automatically search your PC, adding songs to your library that it finds in your Music folder, and organising them. You can also add any song already bought on other devices linked to your account, or any iTunes playlist already created. To do that, click the Settings cog in the bottom-left of the app, then toggle the Downloads option to ‘On’.



9 Music in the cloud
Groove Music isn’t automatically linked to OneDrive. If you’re confident you have enough storage and want to connect it, stay in Settings and click ‘Choose where we look for music’. Making sure you’re logged in, hit ‘OneDrive’. The app will now sync your songs, making it easy to have one music collection for all your devices. Just remember to save enough storage for your photos.

10 Videos
Return to the Start menu and hit the ‘Film & TV’ tile. This app is a media player for watching TV shows or movies you buy through the Store. It’s also home to your own videos. It will automatically search the Videos folder on your PC, but, like Groove Music, you can also link it to OneDrive. Hit ‘Settings’, in the bottom-left, click ‘Where to look for videos’, then add OneDrive. ■

MISSED AN ISSUE?

Our website stocks up to six months' worth of back issues – we deliver worldwide and all prices include shipping



From £5.99

ISSUE 113 OCTOBER 2015



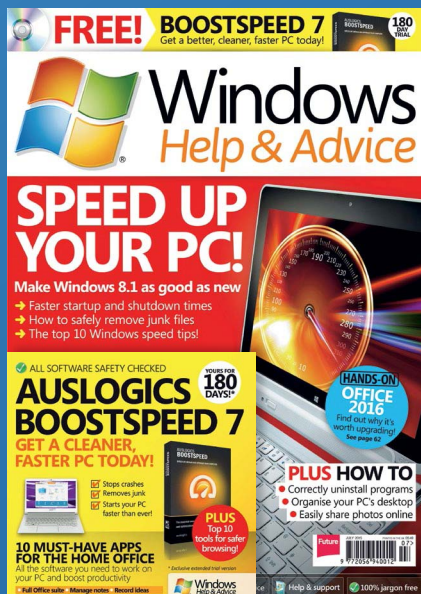
From £5.99

ISSUE 112 SEPTEMBER 2015



From £5.99

ISSUE 111 AUGUST 2015



From £5.99

ISSUE 110 JULY 2015



From £5.99

ISSUE 109 JUNE 2015



From £5.99

ISSUE 108 MAY 2015

FOR BACK ISSUES GO TO
www.myfavouritemagazines.co.uk



Windows Help & Advice

Subscribe to our print edition, digital edition, or get the best value with our complete print and digital bundle



PRINT SUBSCRIPTION
ONLY **£30**

(6 months)

Every issue delivered to your door
at a fraction of the cost



DIGITAL SUBSCRIPTION
ONLY **£10**

(6 months)

Instant digital access on your
iPad, iPhone and Android device



PRINT + DIGITAL BUNDLE ONLY
£32.50

- Every new issue in print and on your iPad, iPhone & Android device
- Never miss an issue, with delivery to your door and your device
- Huge savings, the best value for money, and a money-back guarantee
- Instant digital access when you subscribe today

IT'S EASY TO SUBSCRIBE!

Click: myfavouritemagazines.co.uk/WINsubs

Call: **0844 848 2852**

(please quote **PRINT15, DIGITAL15, BUNDLE15**)

TERMS AND CONDITIONS Prices and savings quoted are compared to buying full priced UK print and digital issues. You will receive 13 issues in a year. If you are dissatisfied in any way you can write to us or call us to cancel your subscription at any time and we will refund you for all unmailed issues. Prices correct at point of print and subject to change. For full terms and conditions please visit: myfavm.ag/magterms. OFFER ENDS 23/10/2015

Learn how to...

Make a fail-safe backup



Your guide *Nick Peers* says...

“Take regular backups of your entire hard drive with Macrium Reflect Free to avoid disaster”

At a glance...

SKILL LEVEL

- Anyone can do it
- Straightforward
- Tricky in parts

TIME TAKEN

- **30** minutes

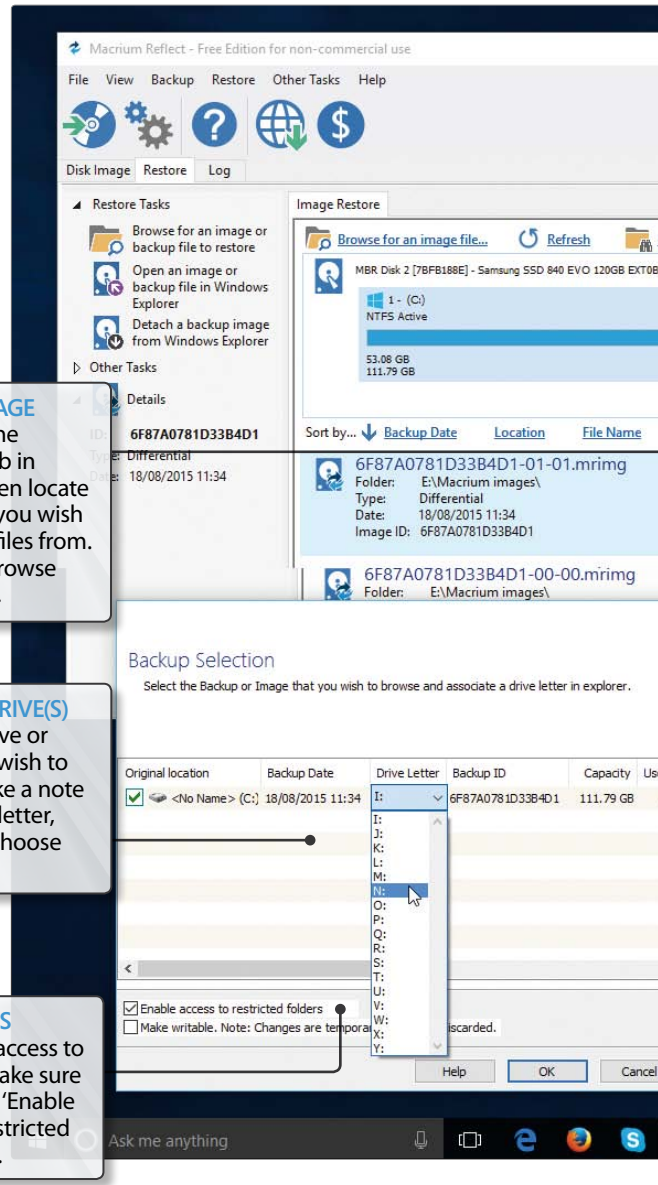
SUITABLE FOR

- Windows 10
- Windows 8.1
- Windows 7

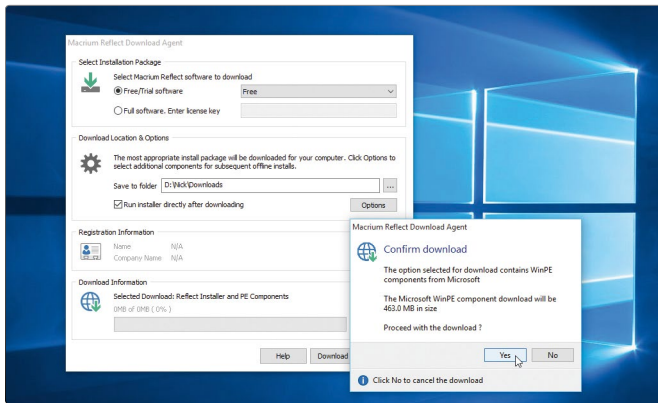
Drive images are an essential part of your backup plan because they take an exact copy of your entire hard drive – the problem with the Windows Backup tool is that each drive image it takes is a completely new copy of your drive, taking time to complete and eating up precious hard-drive space in the process.

Macrium Reflect Free offers a number of advantages over Windows Backup, most notably support for differential backups. These only record the changes made since the last full backup was taken, which not only speeds up the backup process, but also leaves more free space on your backup drive too.

In this tutorial we'll show you how to set up Reflect Free to back up your drive, then – if the worst happens – restore the latest backup so you can quickly recover from a crash or simply undo your most recent changes.

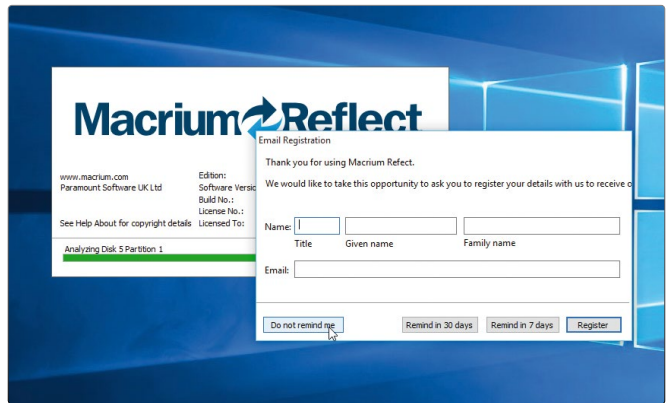


Step-by-step | Back up and restore using Reflect



1 Download Macrium Reflect

Download the program installer (ReflectDL.exe) from macrium.com/reflectfree.aspx by clicking the green 'Download Now' link. Once saved, double-click the file to open the Download Agent. Make sure 'Free' is selected, and that the 'Selected Download' reads 'Reflect Installer and PE Components' – if not, click 'Options' to select it. Click 'Download' followed by 'Yes'.



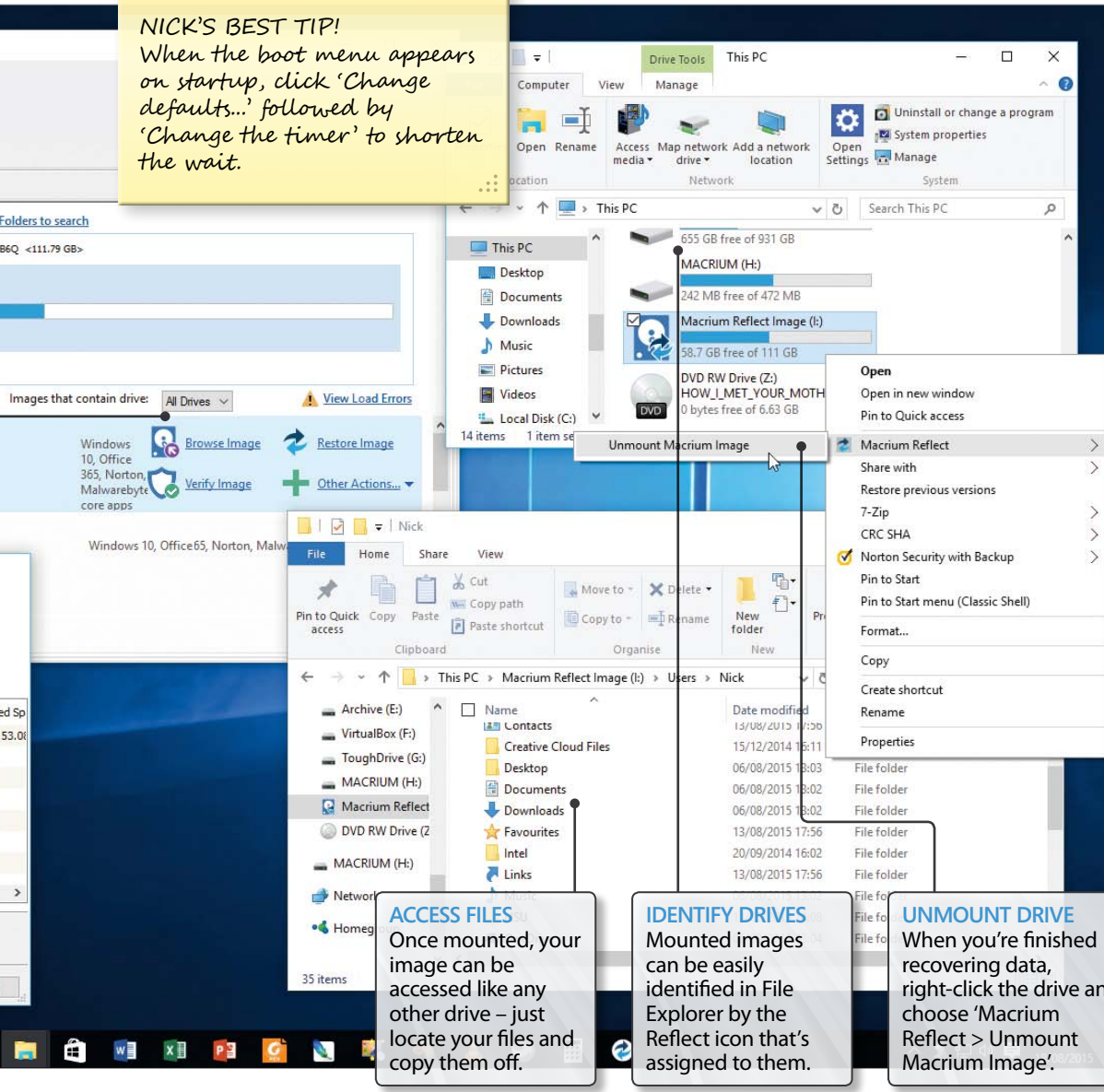
2 Complete installation

Once the files have downloaded, click 'Next' and follow the setup wizard. If you don't want to, you don't need to register to use the product. After, click 'Finish launch Reflect' from the Start menu by typing **reflect** into the search box. When prompted again to register, simply click 'Do not remind me' to go to the main screen.

Jargon buster!

- ▶ **Differential image**
A backup that records the changes made since a full drive image was taken. The full drive image must be present when restoring this image.
- ▶ **Drive Image**
A backup that records an exact byte-for-byte copy of a hard disk or partition, including information about its type, size and other attributes.
- ▶ **Windows PE**
A cut-down version of Windows that provides a troubleshooting and recovery environment when Windows won't load.

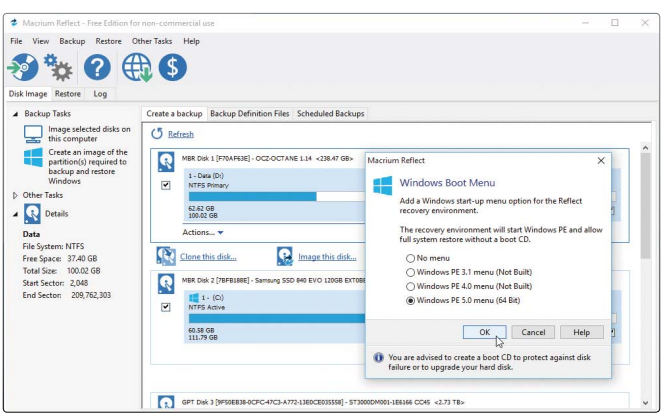
NICK'S BEST TIP!
When the boot menu appears on startup, click 'Change defaults...' followed by 'Change the timer' to shorten the wait.



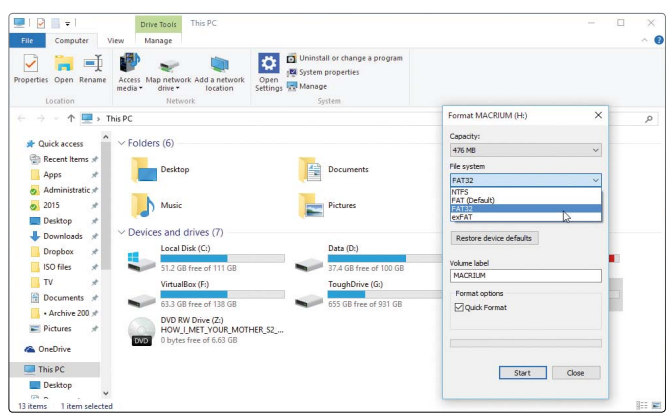
ACCESS FILES
Once mounted, your image can be accessed like any other drive – just locate your files and copy them off.

IDENTIFY DRIVES
Mounted images can be easily identified in File Explorer by the Reflect icon that's assigned to them.

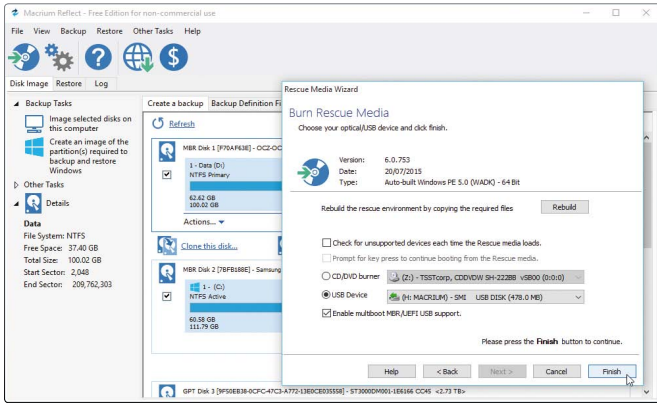
UNMOUNT DRIVE
When you're finished recovering data, right-click the drive and choose 'Macrium Reflect > Unmount Macrium Image'.



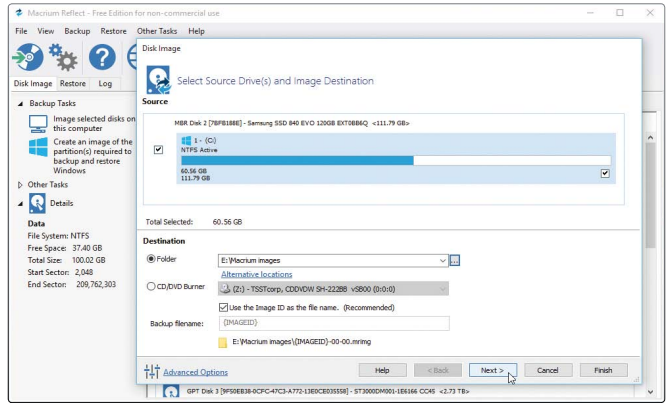
3 Set up rescue options
The first step is to provide recovery options allowing you to restore your backup should Windows fail to load. Open the 'Other Tasks' menu. To add an option to launch 'Reflect' when your PC starts, choose 'Add Recovery Boot Menu Option...' and follow the prompts. Select 'Windows PE 5.0' if you're running Windows 8 or later; 'Windows PE 3.1' for Windows 7 or earlier. Click 'OK'.



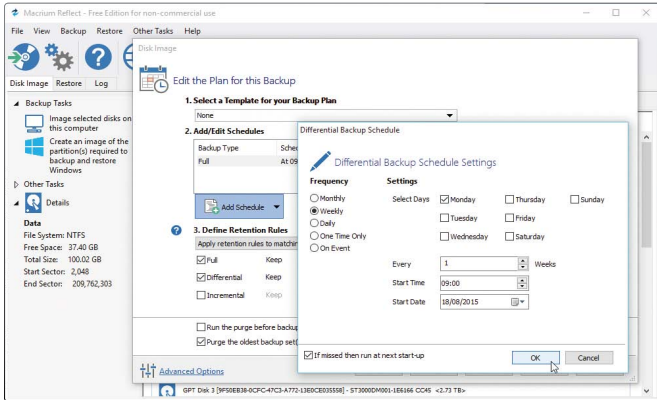
4 Prepare boot media
You should also create a rescue disc for added insurance against hard drive failure. You'll need a blank CD or DVD, or a small (512MB or larger) USB flash drive. The flash drive needs to be blank and formatted correctly. Plug it in, open File Explorer, right-click the drive and choose Format. Select 'FAT32' under 'File System' and click 'Start'.



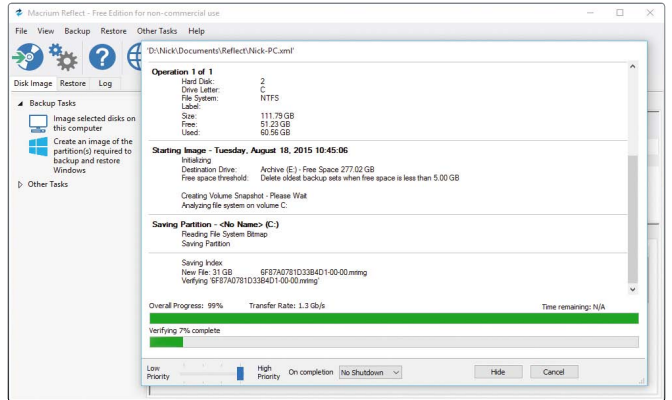
5 Create rescue disc
 Now select 'Other Tasks > Create Rescue Media' in 'Reflect'. Verify the PE version is correct (see step three) and click 'Change PE Version' if necessary. Click 'OK' followed by 'Next', verify core drivers (network and disk primarily) are selected and click 'Next'. Choose your media (CD or USB), tick 'Enable multiboot...' if using USB and click 'Finish'.



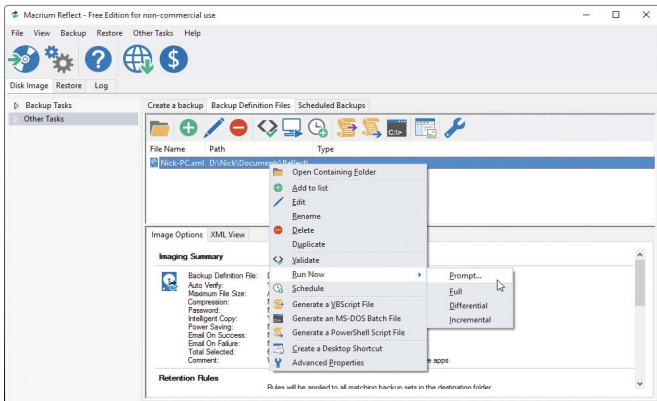
6 Take first backup
 Next, click 'Create an image of the partition(s) required to backup and restore Windows' under 'Backup Tasks'. Click the '...' button to select a dedicated folder on your backup drive. Click 'Advanced Options', select 'Auto Verify Image' and tick the 'Verify image...' box. Use 'Comments' to help identify the backup. Click 'OK' followed by 'Next'.



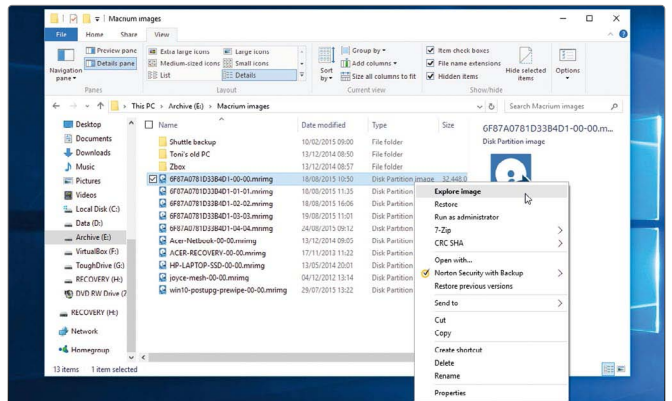
7 Choose backup type
 The default backup settings will use a mixture of full and differential backups to give you a choice of restore options going forward. Click 'Add Schedule > Full' – by default, a monthly schedule is set, so click 'OK' (or tweak if necessary). Now click 'Add Schedule > Differential' to create a weekly schedule. Click 'Next', review your settings and click 'Finish'.



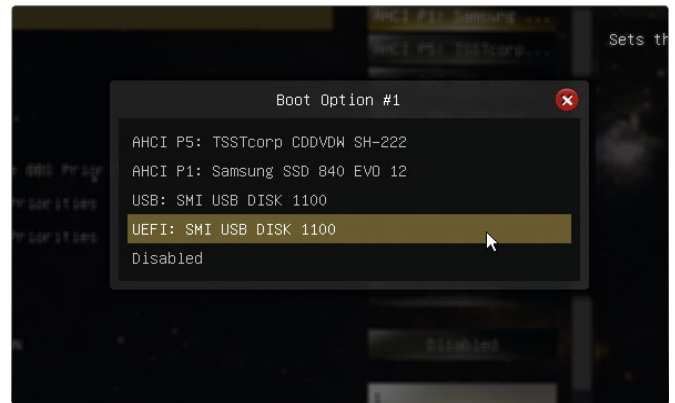
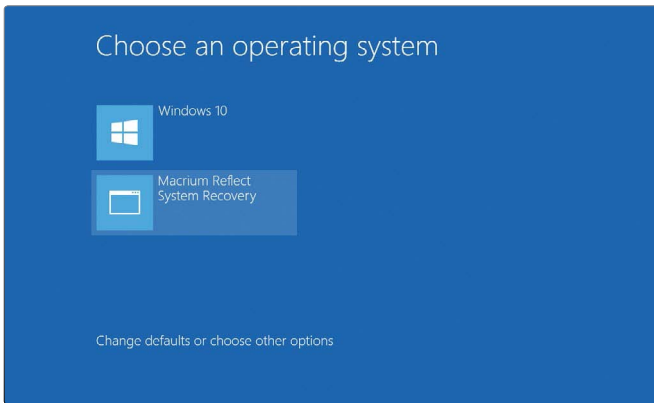
8 Run backup
 Give your backup a suitable name, make sure both boxes are ticked and click 'OK'. You'll be prompted to enter your account password to allow the schedule to be set, so Reflect can back up automatically in the background. Do so, then click 'OK' and wait while the first backup is taken. Once complete, it will verify the image isn't corrupt – your PC is now protected!



9 Update your backup
 Reflect will now update your backup to the schedule you chose earlier, but you can also create backups manually whenever you want – just before installing a major update, for example. To do so, switch to the 'Backup Definition Files' tab, right-click your backup XML file and choose 'Run Now > Prompt'. Choose 'Full' or 'Differential', add a comment, then click 'Finish'.

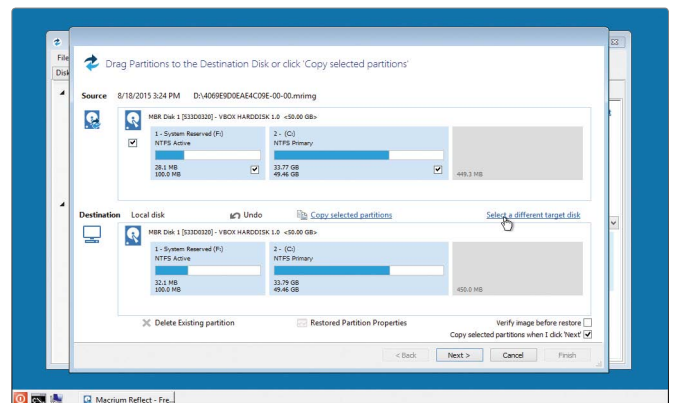
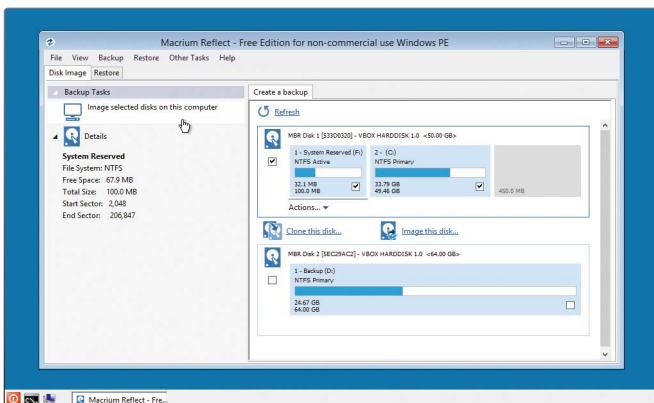


10 Restore options
 There are two basic options when it comes to restoring data. To recover individual files from your backup, mount the image file as a virtual drive in Windows following the annotation on the previous page, then simply copy the files you want from here back to your hard drive. If you need to roll back your entire Windows system, however, read on...



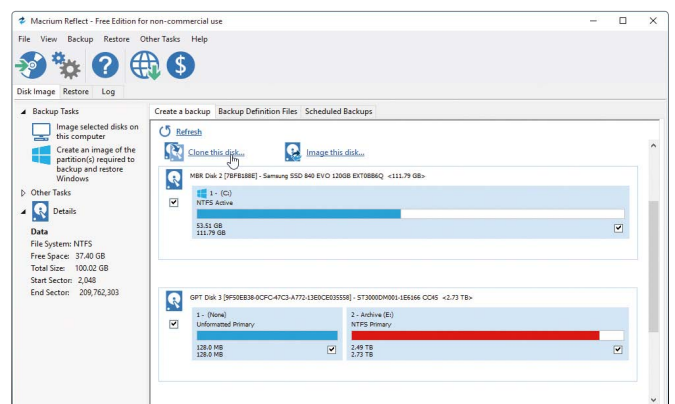
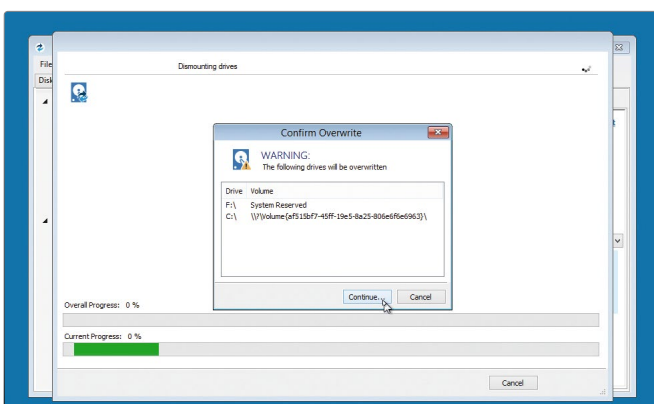
11 Restore your backup
While it's possible to start the restore process from within Windows (switch to the Restore tab), it's better to restore a system image from outside of Windows in the recovery environment. If you added the recovery boot menu option in step three, restart your PC – when the boot menu appears, choose 'Macrium Reflect System Recovery' and jump to step 13.

12 Use the boot media
If you can't boot to the recovery environment, then use your rescue disc or USB drive. Insert it prior to starting up your PC then look for a message that prompts you to access the boot menu – typically it's pressing a key like [F11]. Use the cursor keys to select your drive from the list of available options and hit [Enter] to load from it.



13 Image current state
Restoring a drive image basically wipes out everything that was on the drive before – if there's data you need to protect, take a fresh drive image. Switch to the 'Disk Image' tab, then untick everything except the drive you plan to restore (typically C:). Click 'Image selected disks on this computer' and follow the prompts to back up to your backup drive.

14 Select backup to restore
Once done, switch back to the 'Restore' tab. If your list of images isn't present, click 'Browse for an image file...' to locate it manually on your backup drive. Click 'Restore Image' and Reflect should attempt to automatically select the correct disk; if not, click 'Select a different target disk' to manually choose it.



15 Review and restore
Click Next to review your proposed changes. Click 'Advanced Options' for additional options such as verifying the image prior to restoring it – note that the 'Rapid Delta Restore' option isn't available in the free edition. Once done, click 'Finish', review the warning and click 'Continue...' Your backup will be restored – choose 'File > Exit' to reboot when done.

16 Your PC, protected
Congratulations. You now have a fail-safe – and automatically updated – backup that will help minimise data loss and disruption going forward. No more hours lost to reinstalling Windows from scratch and setting up your PC again after a crash; now the most you'll lose is a week's work – or even less if you pair Reflect with Windows' File History tool. ■

Learn how to...

Speed up an old PC in five minutes



Your guide *Dan Grabham* says...

"ReadyBoost is a free way to speed up your system using a USB stick, and it's great for extending the life of your PC. Here's how to make the most of it!"

At a glance...

SKILL LEVEL

- Anyone can do it
- Straightforward
- Tricky in parts

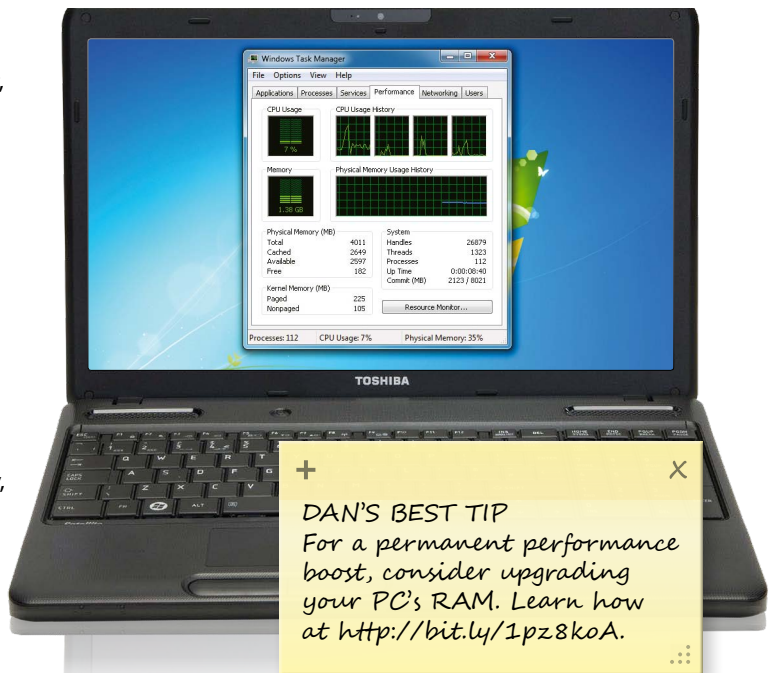
TIME TAKEN

- 30 minutes

SUITABLE FOR

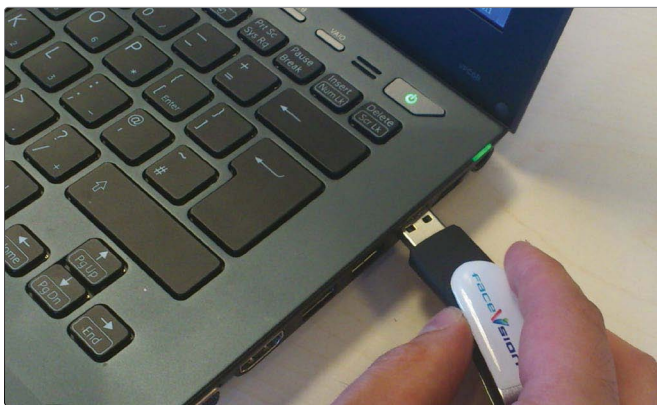
- Windows 8
- Windows 7

There's nothing more frustrating than realising your once-speedy computer, which served you well just a few months ago, is starting to feel slow and unresponsive. Don't worry though – you don't need to fork out for an upgrade just yet. Windows offers a quick and easy solution. ReadyBoost is a useful built-in tool that uses removable flash memory, such as USB sticks and SD cards, as extra RAM to speed up your system. In Windows 7 or 8, the amount of memory that can be used for ReadyBoost has been given a huge increase, and you can now use more than one form of removable memory, giving you extra scope to speed up your machine. It's particularly useful for systems running with less than 2GB of RAM, such as netbooks.



DAN'S BEST TIP
For a permanent performance boost, consider upgrading your PC's RAM. Learn how at <http://bit.ly/1pz8koA>.

Step-by-step | Give your PC an instant speed boost



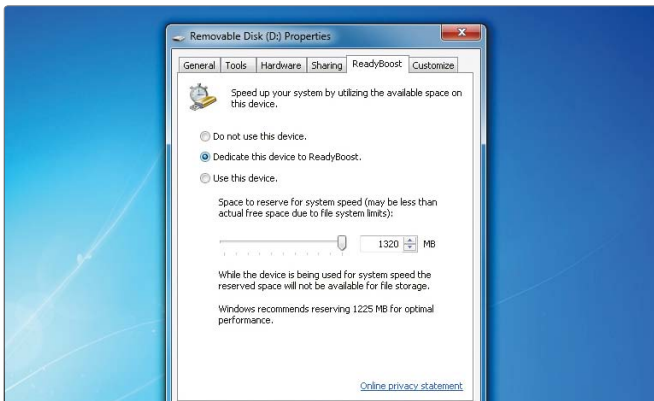
1 Insert your USB stick

First, make sure that you have your choice of removable flash memory to hand. To start the ReadyBoost process, you need to insert your USB stick into your computer and wait for the AutoPlay menu to appear. If you're opting to use an SD card instead, just place it into the slot on your laptop or desktop PC, or use an external card reader.



2 Choose ReadyBoost

Once the AutoPlay window pops up, you can start using ReadyBoost. The relevant option appears at the bottom of the list, where you'd normally choose to either browse the device or load images from an SD card straight into Windows Live Photo Gallery. When you click on the 'Readyboost' option, you'll be taken straight to a configuration screen.



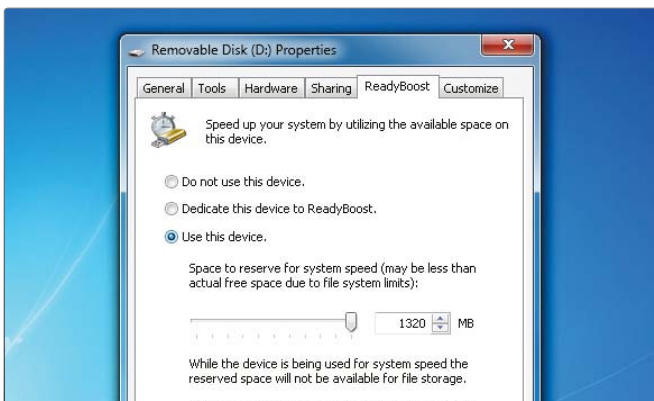
3 Create a dedicated device

If you're planning on using this USB flash drive just for ReadyBoost and don't intend to store any data on it as well, you should turn it into a dedicated device. To do this, simply check the second option in the list, 'Dedicate this device to ReadyBoost'. This option makes all of the USB drive's storage space available to be used by Windows.



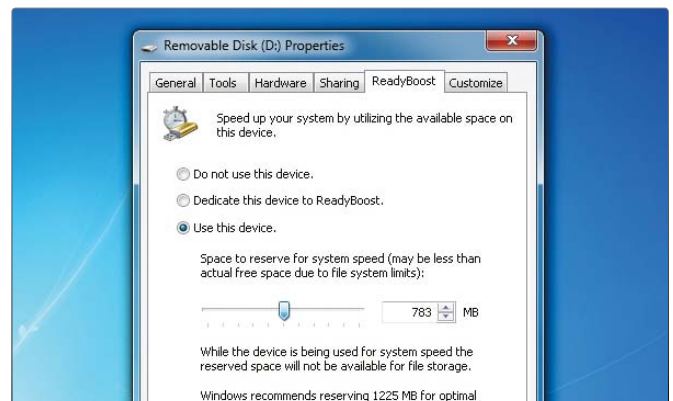
4 Prepare it for use

Now that your USB stick is a dedicated device, it's ready to give your computer the performance boost it so badly needs. Click 'OK' and your device is prepared for use by the system. From now on, whenever you insert that drive into your PC, Windows recognises it and adds its capacity to the system, so your computer has more memory to use.



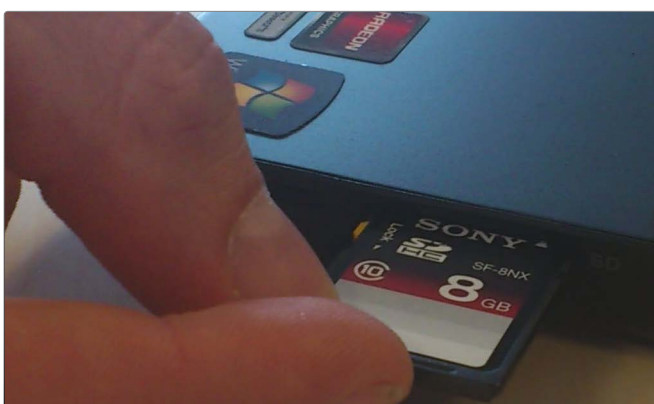
5 Partition a USB device

If you still want to be able to use your USB stick's memory for storing your documents, photographs and other files, but you also need to speed up your computer, a different option is required. This will have a less dramatic effect than making it a dedicated device, but can still be helpful. Insert your USB stick or SD card and click the 'Speed up your system' option as before.



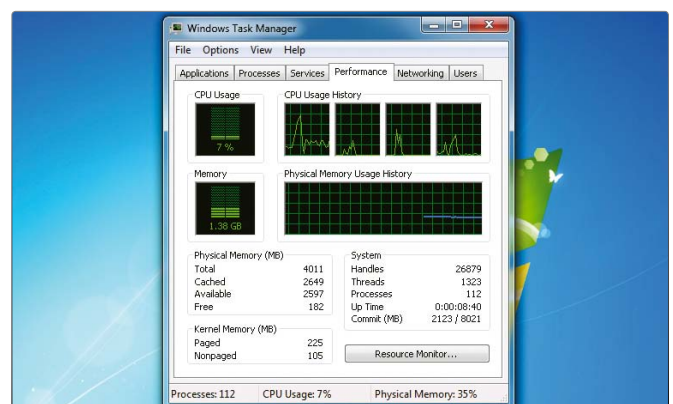
6 Slide to increase

You can use the slider to allocate a portion of the disk's space to ReadyBoost, while still leaving a certain amount of room for your files. Move the slider left or right until you're happy with the amount of space. We wouldn't recommend dedicating less than 256MB to ReadyBoost, otherwise you won't see much difference in the speed of your system.



7 Double up

In Windows Vista, ReadyBoost only supported one device with a capacity up to 4GB, but with Windows 7 or 8 you can use multiple fast devices, with nearly unlimited memory. If your laptop or desktop computer has an SD card that's unused for the majority of the time, why not consider making this a semi-permanent ReadyBoost slot?



8 Enjoy!

You should now have a noticeably more responsive computer, and be able to perform daily tasks faster than before. Although Readyboost won't help you transform a basic machine into a gaming behemoth, you should feel a real change in your system's performance, and it might even stave off the need for a new computer for a little while to come. ■

Learn how to... Tweak photos to perfection



Your guide *Cat Ellis* says...

“Make your snaps shine with the Adobe Photoshop Express app”

At a glance...

SKILL LEVEL

- ▶ Anyone can do it
- Straightforward
- Tricky in parts

TIME TAKEN

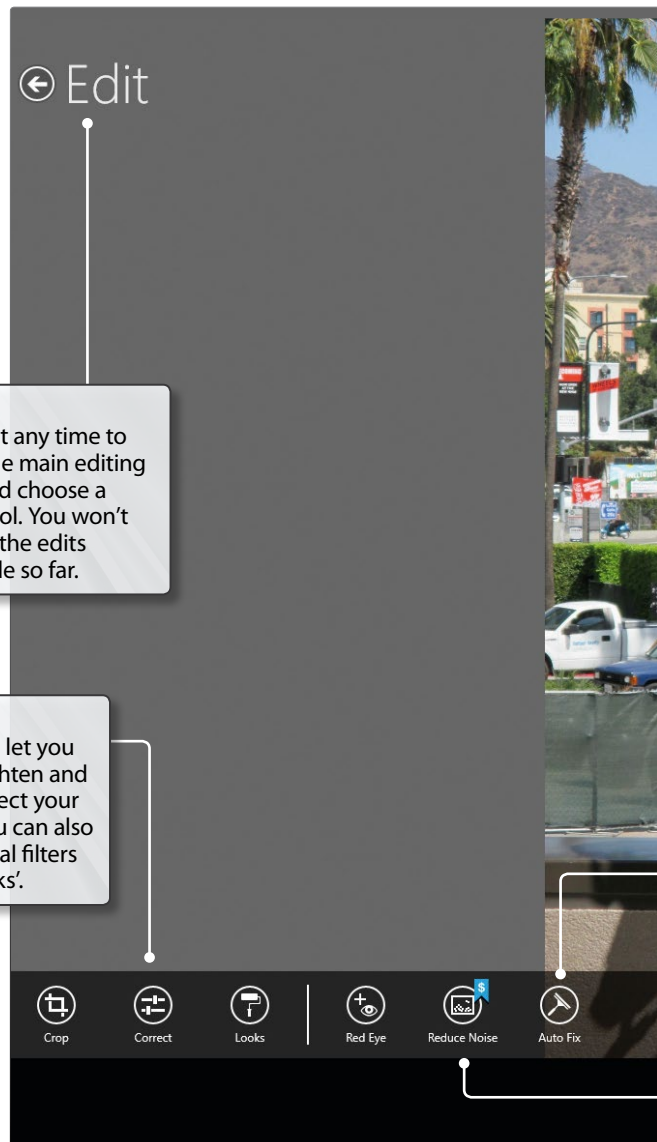
- ▶ **30** minutes

SUITABLE FOR

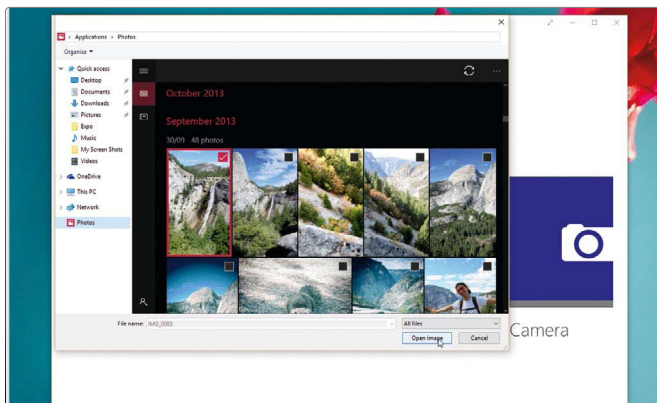
- Windows 10
- Windows 8.1
- Windows 7

Adobe Photoshop is the tool of choice for professional photographers the world over. Its toolset gives experts total control over their pictures, enabling them to tweak and edit their shots to perfection. That kind of power doesn't come cheap though, plus the app takes a long time to master.

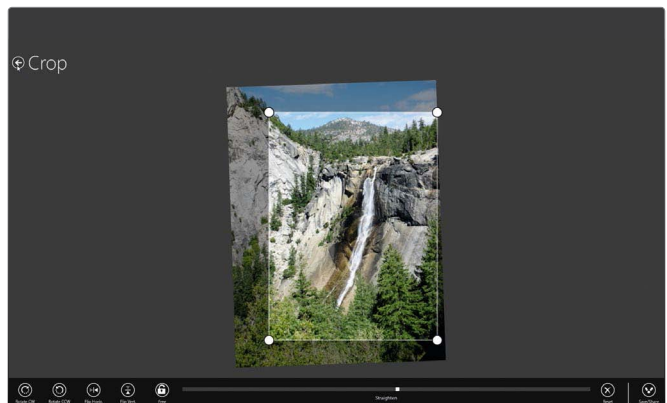
That's where Photoshop Express comes in. This fantastic Windows app is like a cross between Photoshop and *Instagram*, with simple but effective tools to help you correct common flaws, plus it has an array of fun filters for a touch of vintage flair. There are a few paid-for options, but the majority of its tools and features are free. It's easy to use, with a simple interface ideal for mice and fingertips alike. Visit the Windows store to download it, and let's get started!



Step-by-step | Make your snaps shine



1 Pick a pic
You can add a picture from your hard drive, the camera of your Windows device, or Revel – Adobe's image backup and sharing service. Here, we're going for an image from our Pictures library. Select your photo, then click 'Open image'. You'll now be presented with the editing screen. If you can't see the tool icons, click your photo once to make them visible.



2 Compose and crop
Select the 'Crop' icon at the bottom left and handles will appear at each corner of your picture. While cropping snaps, bear in mind the rule of thirds (<http://bit.ly/1h9rrEh>) to help create more dramatic-looking images. You can also use the Crop tool to rotate your image – ideal if you've snapped your picture with a phone held at a jaunty angle.



CAT'S BEST TIP!
Any icon with a blue price tag attached indicates a feature that's only accessible via an in-app purchase.

VIEW ORIGINAL
Click and hold this button to see what your picture looked like before you started editing it in Photoshop Express.

SAVE/SHARE
Once you've finished, you can share your snaps online with a few clicks or taps – or just store it on your PC.

IN-APP PURCHASES
Any icons with blue price-tags indicate features that must be paid for. The sharpening tool is one example.

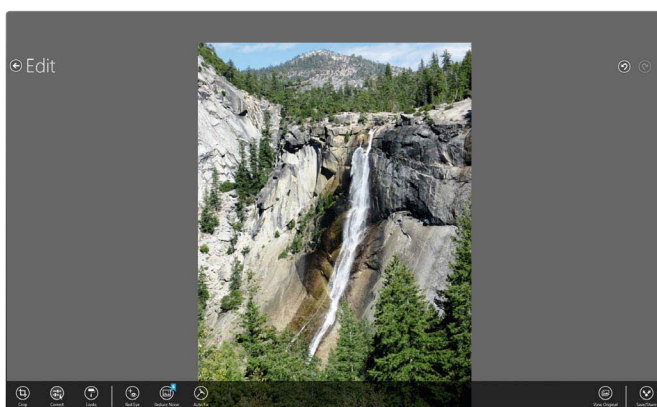
AUTO FIX
If you're in a hurry, this option will analyse your picture and attempt to create a good balance of colour and contrast for you.

Jargon buster!

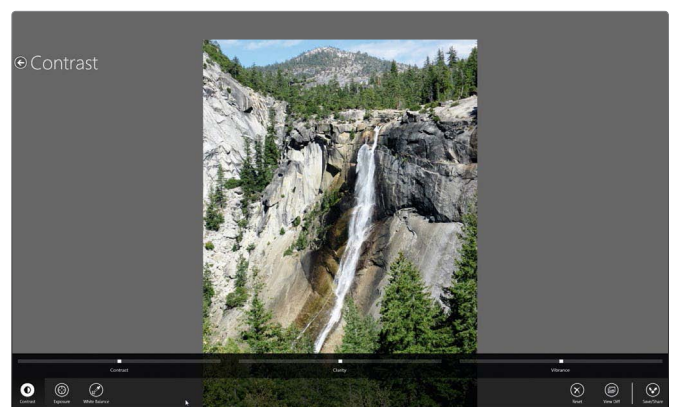
▶ **White balance**
Compensating for tints caused by coloured lighting in photos by making sure that white objects really are white.

▶ **Overexposed**
A very bright picture lacking in detail, created when a subject is too bright for the camera's current settings.

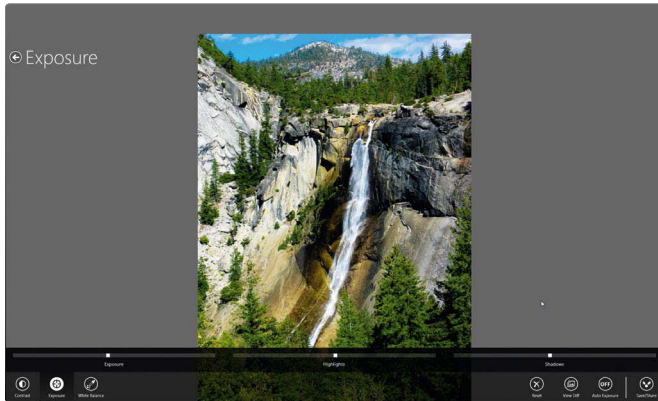
▶ **Instagram**
An online photo- and video-sharing site, best known for its image filters that mimic pictures taken with old film cameras.



3 Changed your mind?
Once you've finished cropping and straightening, click the 'Back' arrow at the top left to return to the main editing screen. If you change your mind about any of the edits you've made, simply tap the 'Undo' arrow at the top right; none of the changes you're making will become permanent until you save the picture at the end.



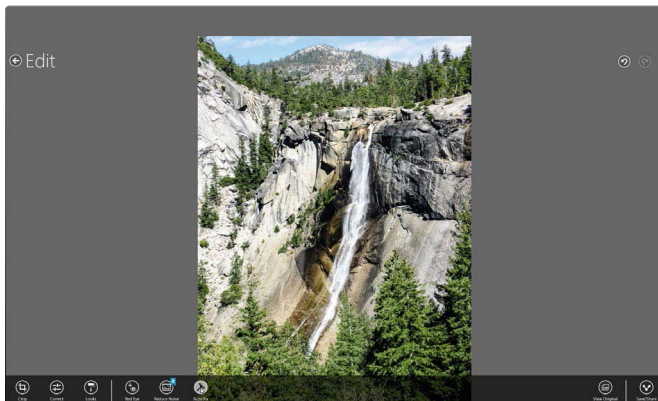
4 Compare and contrast
Select the 'Correct' tool and three tabs will appear – Contrast, Exposure and **White Balance**. Select 'Contrast' to adjust contrast, clarity and vibrance. Contrast is the difference between the brightest and darkest parts of your image, clarity makes the midtones in your image lighter or darker (resulting in a softer or 'harder' effect), and vibrance is colour saturation.



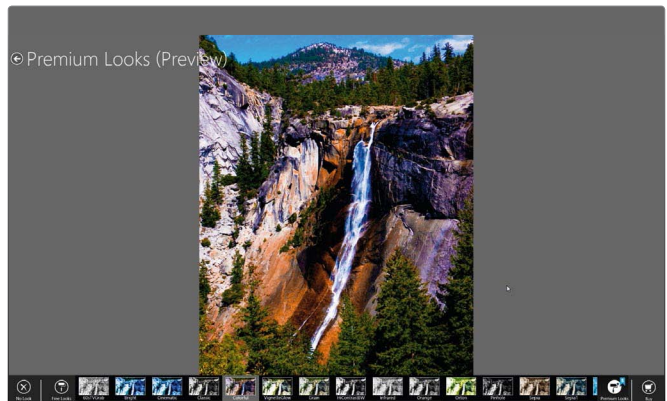
5 Decent exposure
Selecting the Exposure tab will reveal three sliders – Exposure, Highlights and Shadows. These aim to replicate the effect of more or less light hitting the sensor in your camera. It can be a useful way to brighten up a picture taken on a dull day, but it can never restore a part of the picture that's in total darkness. The same is true of overexposure, where the highlights are white.



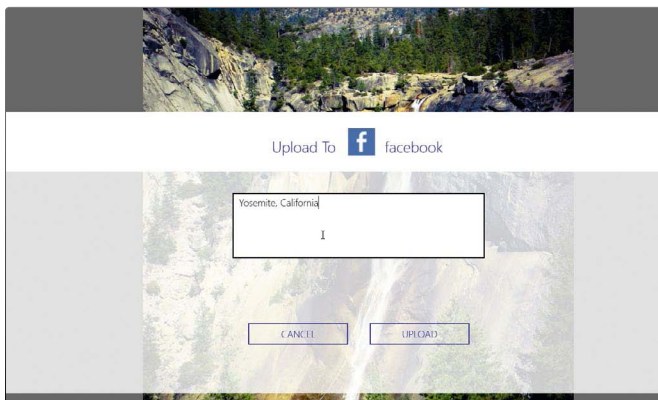
6 Balancing act
Indoor lighting is rarely white, and different types of lighting can tint your photos. For example, an incandescent lightbulb gives off warmer (more orange) light than a fluorescent bulb. The 'White balance' tab can help counteract this effect. The Temperature slider makes images more orange (warm) or blue (cold), and the Tint slider shifts it towards purple or green.



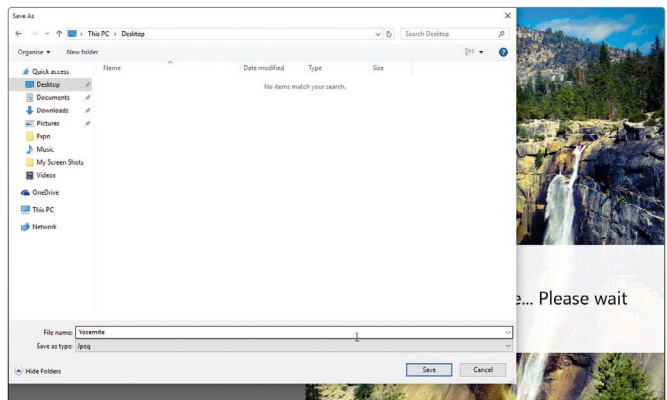
7 Auto-correct
The final corrective action you can take is red-eye repair. This eliminates the effect produced when light from a camera flash reflects off the eyeball. Select this option, then click the centre of each eye to fix it. If all those sliders and options sound like too much effort, you can simply click 'Auto fix' and the app will attempt to create a good balance of light, shade and saturation.



8 New looks
Instagram is best known for its retro-style image filters, which are a great way to liven up your shots. Photoshop Express has a similar selection of options, known as 'Looks'. There are lots of free Looks, plus an array of premium ones that can only be previewed (not applied) unless you're willing to pay. If you like the paid-for options, click the shopping cart icon to buy it.



9 Share and enjoy
Click and hold the 'View original' button at the bottom left to see the differences your edits have made to your photo. Once you're happy, select 'Share/save' and choose whether you'd like to save it to your PC, or share it on Facebook or Revel. If you choose Facebook, you can then enter a caption and share your polished snap with the world.



10 Next, please!
If you'd prefer to store your picture locally, just choose a location, enter a filename and click 'Save'. The editor will close and you'll be ready to start perfecting another picture! Congratulations, you now know how to make your favourite snaps look amazing, and share them with your family and friends – all with only a few taps or clicks! ■

GET THE MOST FROM WINDOWS 8.1

Technology
Tips Guide



WINDOWS 8.1

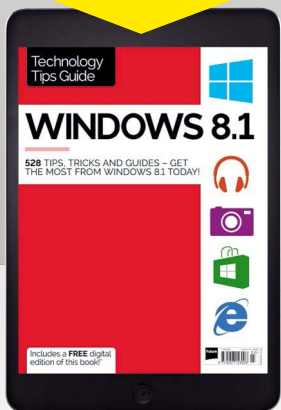
528 TIPS, TRICKS AND GUIDES – GET
THE MOST FROM WINDOWS 8.1 TODAY!



Includes a **FREE** digital
edition of this book!*



**OUT
NOW!**
WITH
FREE
DIGITAL
EDITION



DELIVERED DIRECT TO YOUR DOOR

Order online at www.myfavouritemagazines.co.uk
or find us in your nearest supermarket, newsagent or bookstore!

Learn how to...

Recover lost or deleted data



Your guide *Nick Peers* says...

"If you've lost access to a drive or accidentally deleted files, then DMDE could save the day"

At a glance...

SKILL LEVEL

Anyone can do it

► **Straightforward**

Tricky in parts

TIME TAKEN

► **30** minutes

SUITABLE FOR

Windows 10

Windows 8.1

Windows 7

Data recovery is a tricky business. There can be no going back for accidentally deleted data or a lost hard drive, and there's no guarantee your files are in a state to be successfully recovered. However, there are some free tools available that can give you a chance of recovering documents, photos and other irreplaceable files. And one of the best is DMDE – Free Edition.

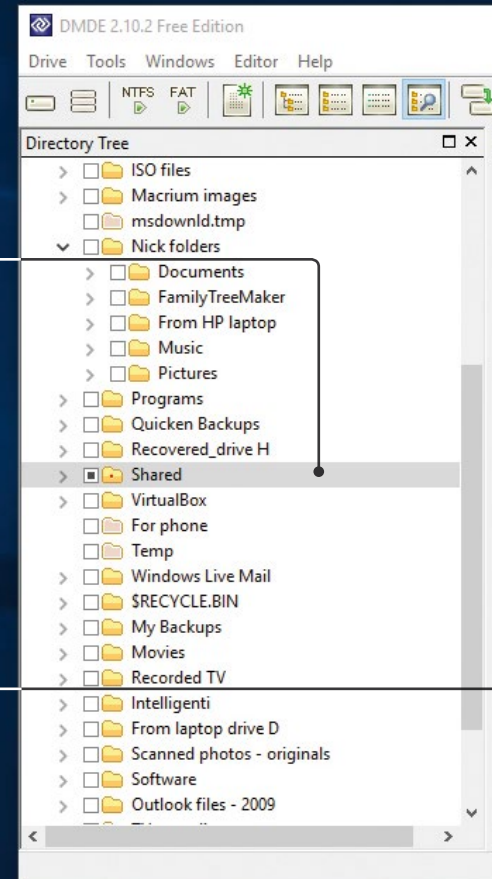
This is a powerful tool that does more than simply recover deleted files – it can also enable you to access hard drives that are still physically working but are no longer visible to Windows. If DMDE can see the drive, it enables you to copy your files and folders from it, often without losing any data at all. In this tutorial I'll show you how to use the program to access your drive, find lost files and – hopefully – recover working copies of them.

DIRECTORY TREE

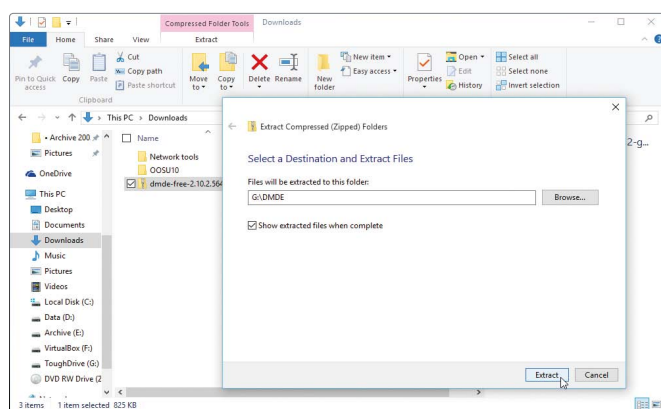
Use this pane to browse the currently selected drive or partition – folders marked with a red dot contain deleted items.

FOLDER WINDOW

This is where the contents of the currently selected folder – or the results of a search – are displayed.

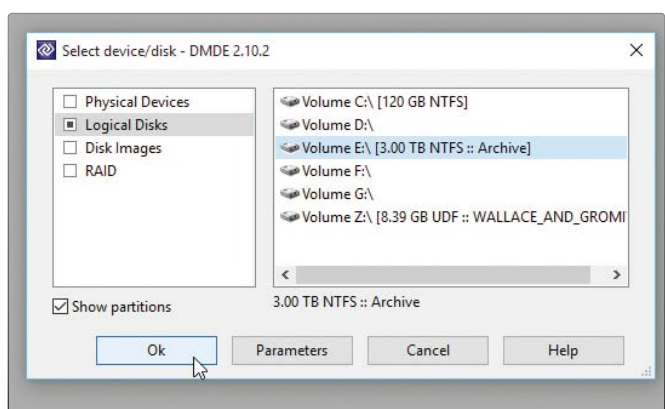


Step-by-step | How to recover data with DMDE



1 Download and extract

DMDE is a portable tool, which means you can run it from any drive. Open your browser and navigate to www.dmde.com/download.html and click the 'Download DMDE for Windows' link. Save the zip file to any drive other than the one you're trying to recover data from. Right-click the downloaded zip file and choose 'Extract All' to extract its contents.



2 Launch DMDE

Open the extracted folder and double-click `dmde.exe` to launch the program, clicking 'Yes' when prompted. Leave 'English' selected and click 'OK'. Accept the license agreement and you'll be asked to select the drive you wish to recover data from. If the drive is visible in Windows, select 'Logical Disks' followed by the drive letter and click 'OK'.

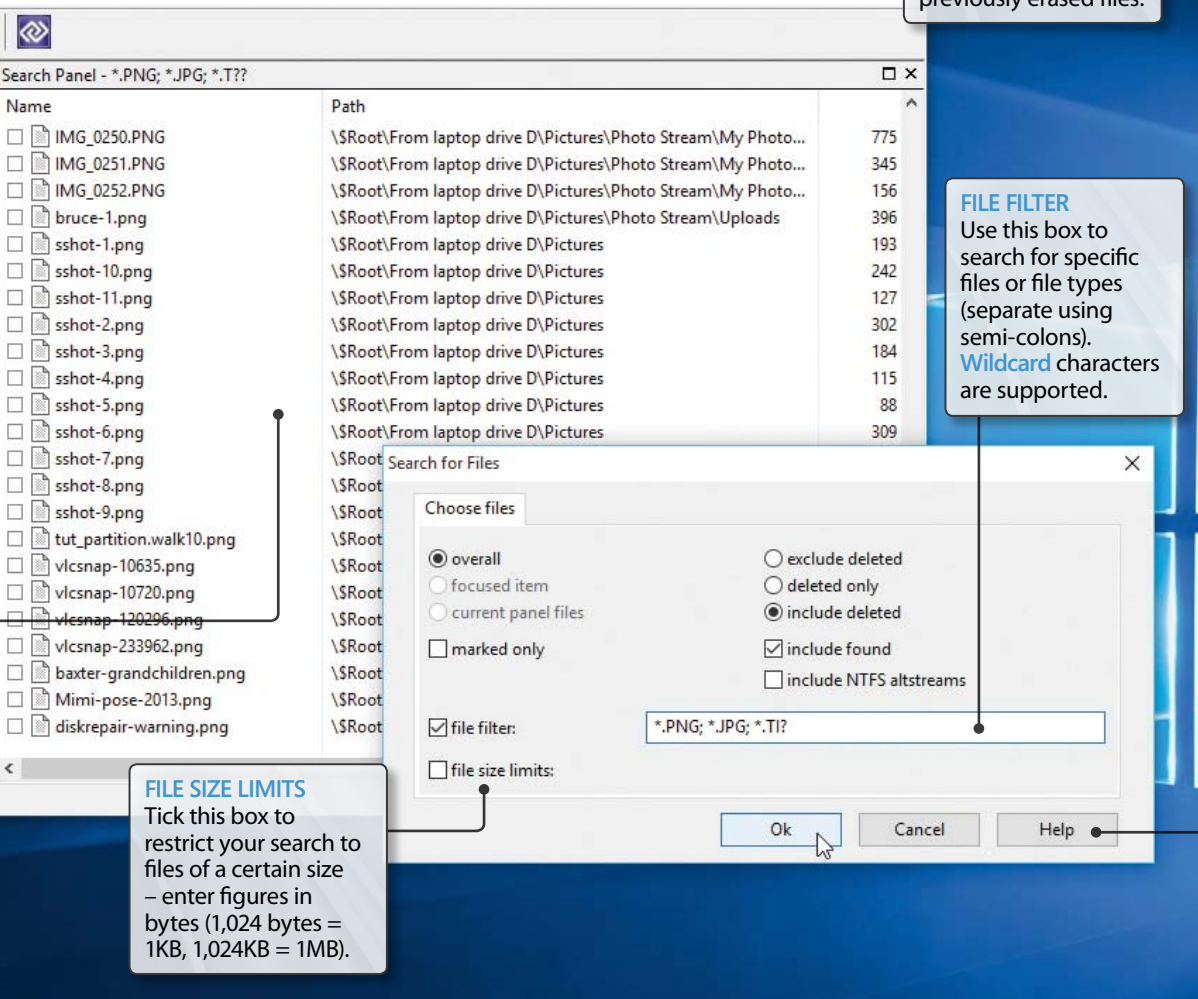
NICK'S BEST TIP!
If no obvious partitions can be found, use the 'NTFS Search' and 'FAT Search' buttons to see if DMDE can locate them.

TYPES OF FILE
Choose 'exclude deleted' to only find current files; or 'deleted only' to restrict your search to previously erased files.

FILE FILTER
Use this box to search for specific files or file types (separate using semi-colons). Wildcard characters are supported.

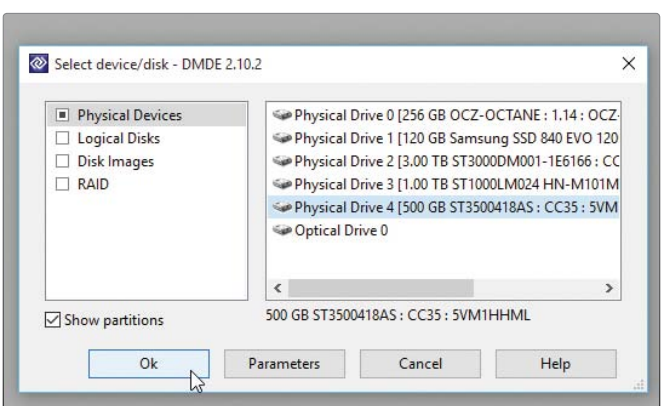
Jargon buster!

- ▶ **Current panel**
The term DMDE uses to describe the currently selected folder. Note, data can only be recovered from this folder in the Free Edition.
- ▶ **File system**
A means of organising, storing and retrieving data from a hard disk. File systems include NTFS and FAT32.
- ▶ **Wildcard**
A special character used to help match strings using flexible criteria. The '?' character replaces a single character, while '*' is used to substitute one or more characters.

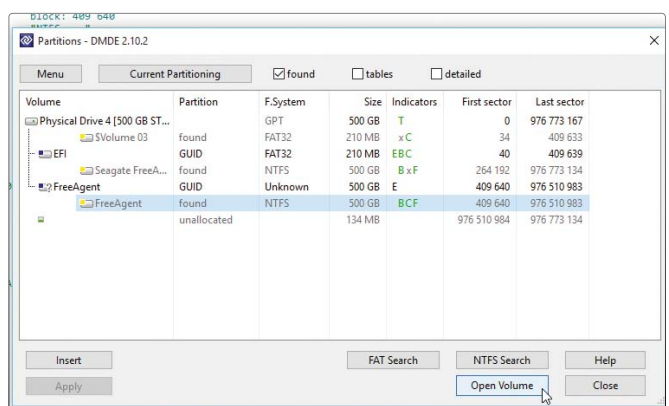


FILE SIZE LIMITS
Tick this box to restrict your search to files of a certain size – enter figures in bytes (1,024 bytes = 1KB, 1,024KB = 1MB).

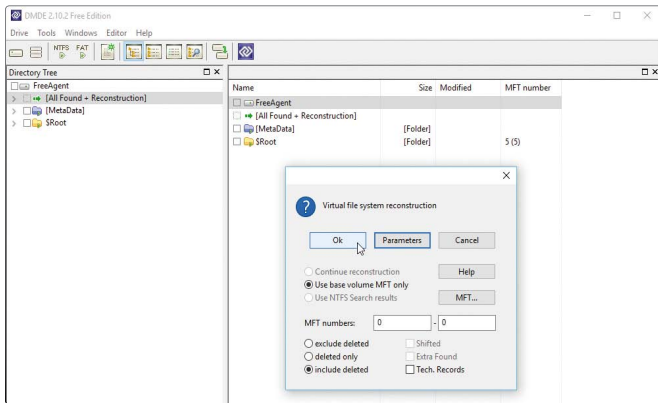
HELP
Click this button to access DMDE's comprehensive online manual. It's a little technical, but explains difficult concepts.



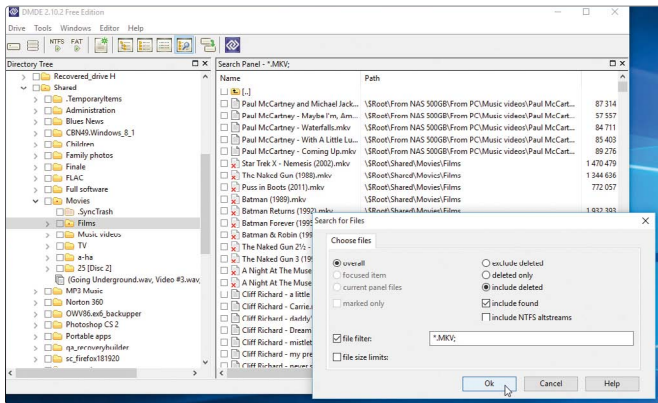
3 Select physical drive
If the drive appears in Device Manager, but doesn't show up in Windows and can't be assigned a drive letter using Disk Management, then leave 'Physical Disks' selected. Click each Physical Drive entry in turn and DMDE will display information about its type and size, helping you identify the missing drive. Select it and click 'OK'.



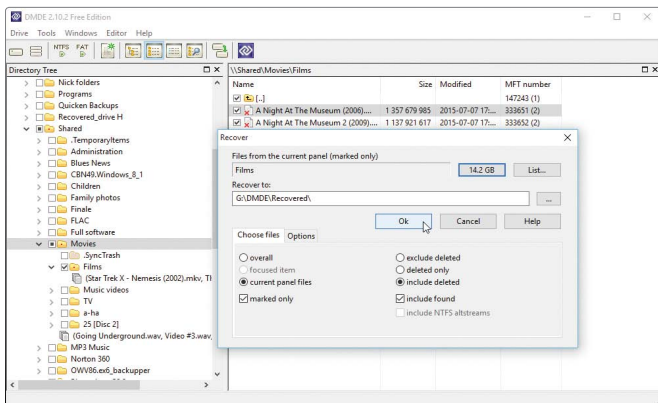
4 Select partition
DMDE will scan the drive for partitions. Don't be surprised if errors appear (click 'OK' to clear them) and then a number of possible matches – some similar or seemingly identical – should appear. Select the partition you're looking for using the volume name (and drive letter if applicable), partition status, f.system and size to identify it.



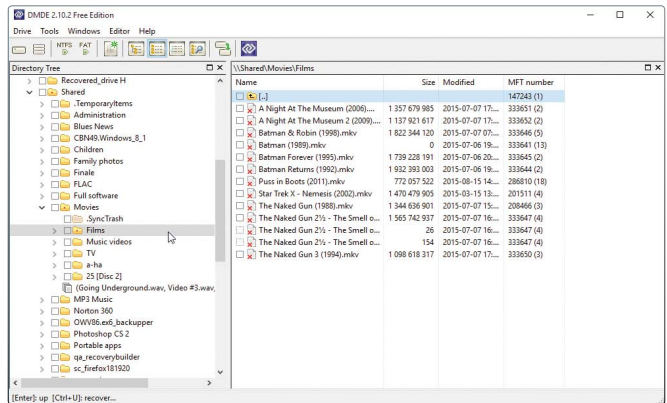
5 Construct virtual file system
Click 'Open Volume'. After a second scan, a dual-paned window will open. On the left are three entries – to view all recoverable data from the drive (including deleted files), double-click [All Found + Reconstruction]. In most cases clicking 'OK' at this point is sufficient, but advanced users can click 'Parameters' to tweak settings if necessary.



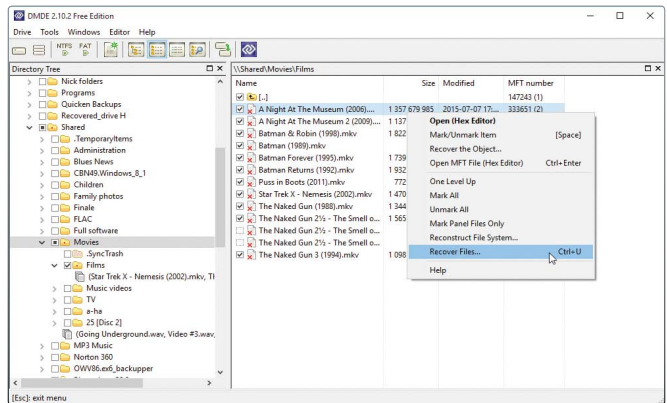
7 Search for specific items
Alternatively, click the 'Search Panel' button (with the magnifying glass) to open a Search window. Use the file filter to define your search – use wildcards if you're not sure about a file's exact name, or to search by file type (such as *.doc). Use the annotation to help refine your search further, then click 'OK' to let DMDE scan for matches.



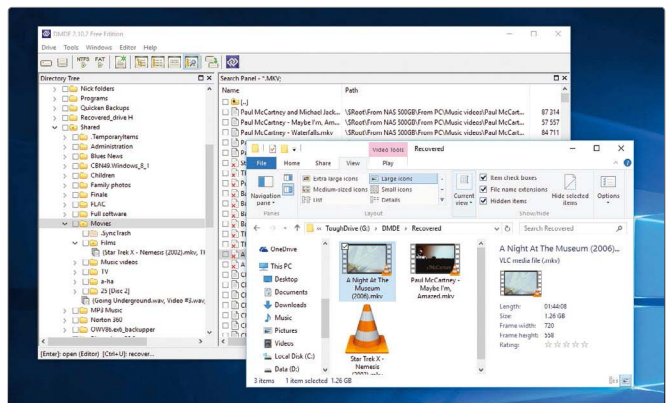
9 Recover your data
Click the 'Size' button to get an estimate of how much space your recovered items will require, then click '...' to select a different drive with enough space to recover them to (never recover files to the same drive). Make sure 'include deleted' is selected if applicable and finally click 'OK' to attempt file recovery. Wait while the files are copied.



6 Browse for recoverable items
You can now explore your drive's contents via the expanded \$Root directory. Click the arrow next to a folder to expand it, or double-click the folder to view its contents (including files) in the right-hand pane. Look out for folders with red dots – these contain deleted files, so double-click to explore. Deleted files are clearly marked by a red 'x'.



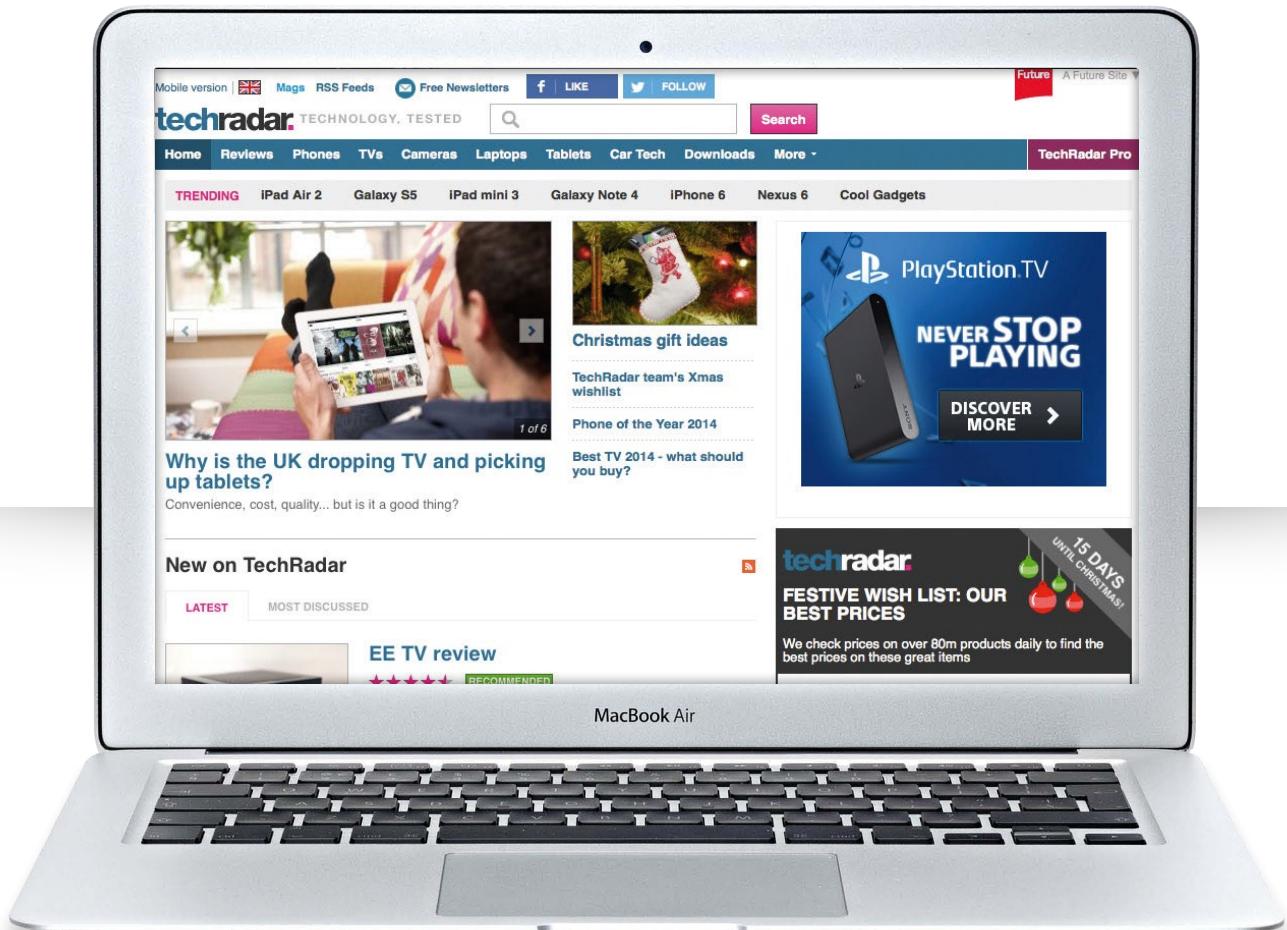
8 Select what to recover
The Free Edition allows you to recover files one of two ways: you can select up to 4,000 files from a single folder by opening it in the right-hand pane, selecting the files you want to recover and choosing 'Tools > Recover'. If recovering files from a search, you must recover each file individually by right-clicking it and choosing 'Recover the Object...'



10 Your data, restored
Once complete, a dialogue box will display the results of your recovery. Browse to the folder where your recovered files are and see if you can open them – not all files can be recovered sadly, but if the file was only recently deleted then your chances of success are greater. Return to DMDE to continue recovering other files and hopefully save the day!

techradar.

TECHNOLOGY. TESTED.



VISIT TECHRADAR, THE UK'S LEADING TECH NEWS & REVIEWS WEBSITE

- Up-to-the-minute technology news
- In-depth reviews of the latest gadgets
- Intensive how-to guides for your kit

www.techradar.com

 twitter.com/techradar

 facebook.com/techradar

Learn how to...

Keep your PC folders protected



Your guide *Christian Hall* says...

“Locking folders from being accessed on your own user account is not part of Windows by default. Folder Password Expert helps keep your data safe”

At a glance...

SKILL LEVEL

- ▶ Anyone can do it
- Straightforward
- Tricky in parts

TIME TAKEN

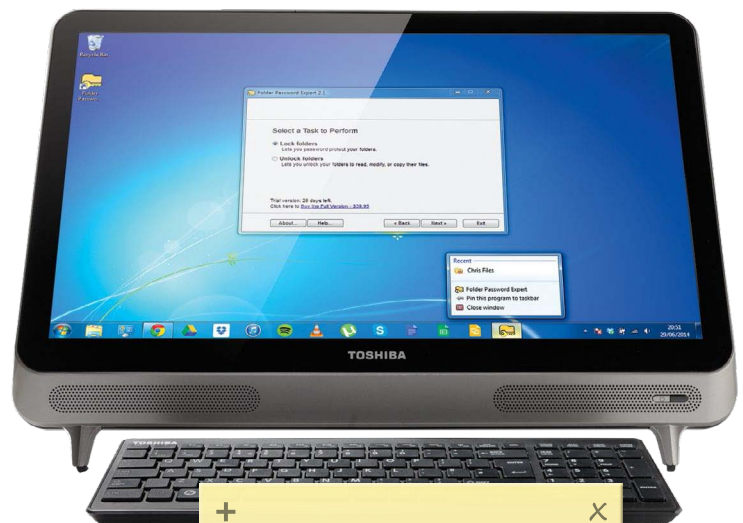
- ▶ **10** minutes

SUITABLE FOR

- Windows 10
- Windows 8.1
- Windows 7

Folder Password Expert is a program that allows you to protect folders against unwanted access. It can lock folders on an internal hard drive, flash drive, external USB drive and network drive. When folders are password protected and locked, their contents cannot be read, copied, modified or deleted. To access the locked folders, you must supply the correct password.

Folder Password Expert guarantees your privacy by making it impossible for anyone to access your data – even in Windows Safe Mode. If somebody logs on under your Windows account, they will not be able to access your data without that crucial password, which for added security is not stored anywhere in Windows. To download the program, go to www.folder-password-expert.com and click 'Try It Free' in the top-left. Once installed, select 'Run Trial Version' to use the 30-day trial (\$39.95 thereafter).



CHRISTIAN'S BEST TIP
Secure folders larger than 4GB by formatting your drive in NTFS. Each file in the folder must be under 4GB.

Step-by-step | Lock and unlock folders in Folder Password Expert



1 Lock folders

On the Welcome screen, deselect 'Show this screen each time Folder Password Expert starts', otherwise you'll be constantly reminded to upgrade. Click on 'Next'. You'll then need to choose a task ('Lock folders' or 'Unlock folders'). Choose 'Lock folders' and click 'Next'. On the next screen, click on 'Add' and browse to the folder or folders that you want to lock and click 'OK'.



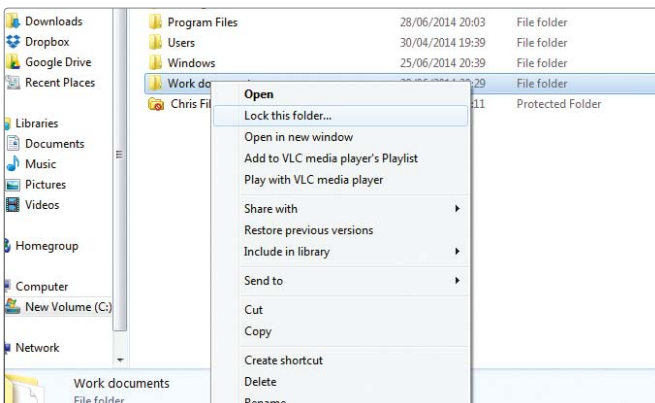
2 Enter password

Choose 'Next' and you will be asked to enter a password. You'll notice that if you tick the option below the password fields, you can enter a password hint. When choosing a hint, ensure that only you will understand it. Click on 'Next' and you will be told that your folders have been locked. Click 'Next' again and you'll see the 'Select a Task to Perform' screen again.



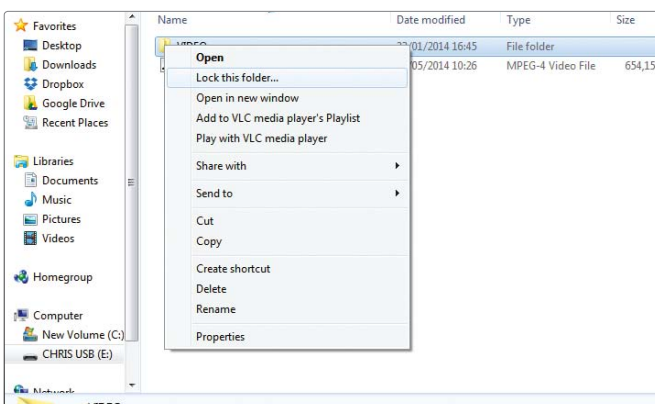
3 Verify locked folder

Let's test what happens when you lock a folder. Navigate to the folder in Windows Explorer and you will see that it now has a little red stop sign next to it, indicating it's locked. Double-click the folder to open it. Folder Password Expert will be launched and you'll need to enter your password for access. The password hint (if you provided one) can be acquired by clicking 'Get a hint...'



5 Protect folders in Windows Explorer

You don't have to open up the program first to use Folder Password Expert's features. Right-click the folder in the right-hand pane of Windows Explorer and select 'Lock folder' from the pop-up menu. To complete the process, enter your chosen password. Unlocking the folder is also easy: double-click it in the right pane of Windows Explorer and enter the password.



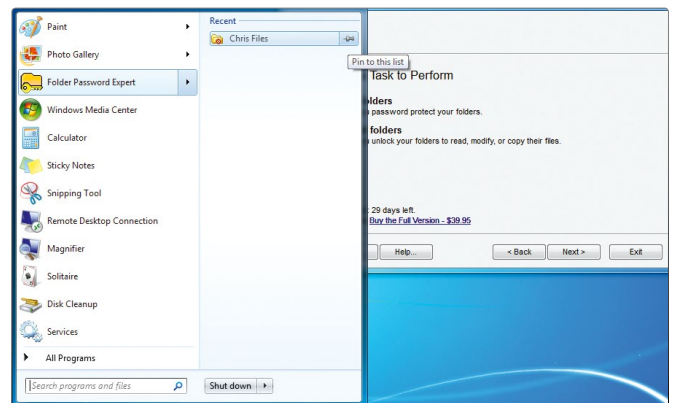
7 Secure a USB or network drive

As well as being able to secure folders found on any drive or partition on your PC, you can also secure folders on a network-attached hard drive or one connected by USB. Simply navigate to the folder using Windows Explorer, right-click and choose to lock or unlock folders. Remember that any network-attached drive will need to be discoverable in Windows Explorer.



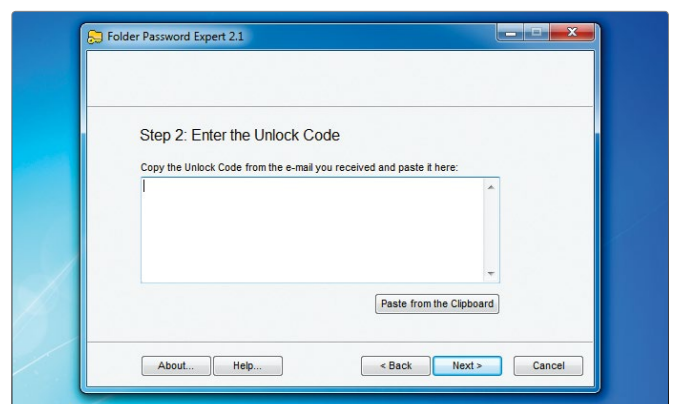
4 Unlock folders

Open up Folder Password Expert again, but this time choose 'Unlock folders' and on the next screen select the folder from the list (if you have more than one locked folder) and click 'Next'. Tap in your password on the next screen. The next screen will say you can now open the folder normally. Remember to go back and lock it again if you want to keep it secure.



6 Quick access

Folder Password Expert helpfully adds a context menu to the Start menu entry. An arrow points to the right showing your recent protected files. Here you can permanently pin folders to the Recent list, unlock them or remove them entirely. If you manually pin the Folder Password Expert start menu icon to the Taskbar you still get the Recent menu when you right-click.



8 Trial version notes

To unlock the full version from the trial one, you'll need to enter the code that you receive after purchase (there's a 'Paste from the Clipboard' option) and then click 'Next'. If you let the trial period expire without paying for the full version, the program will not be able to lock new folders; however, it will still be able to unlock protected folders on your computer. ■

Learn how to...

Lock down Windows 10



Your guide *Matt Hanson* says...
"Windows 10 is great, but there are a few settings you should check to keep information private"

At a glance...

SKILL LEVEL

Anyone can do it
▶ Straightforward
Tricky in parts

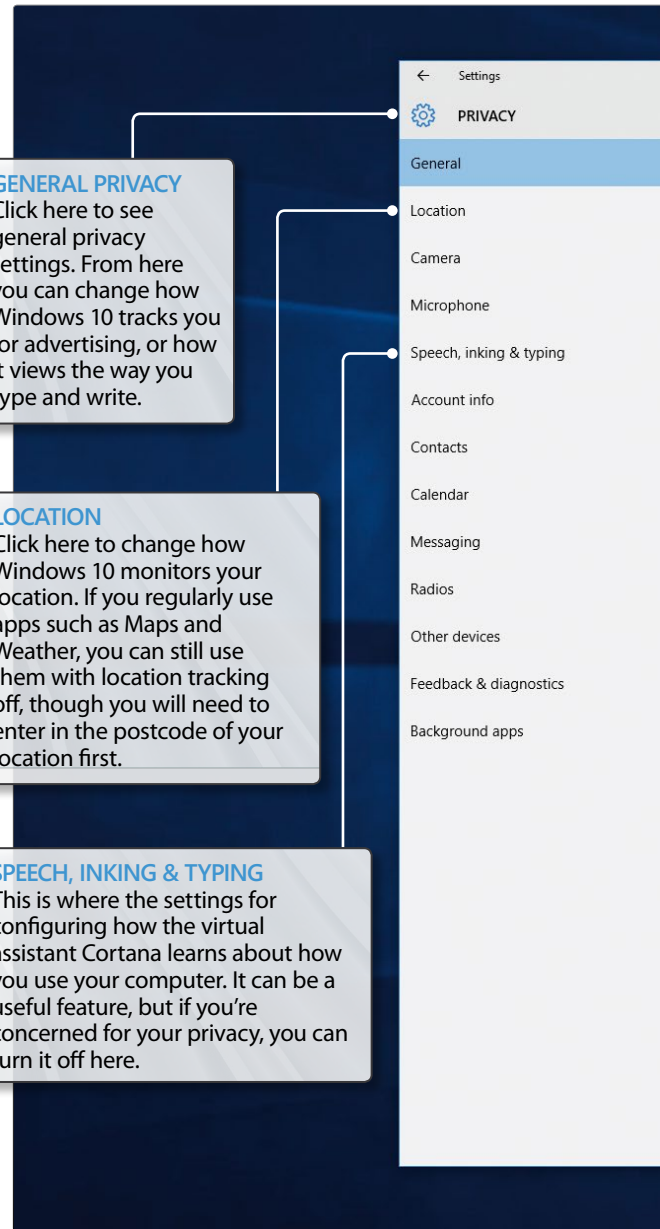
TIME TAKEN

▶ 10 minutes

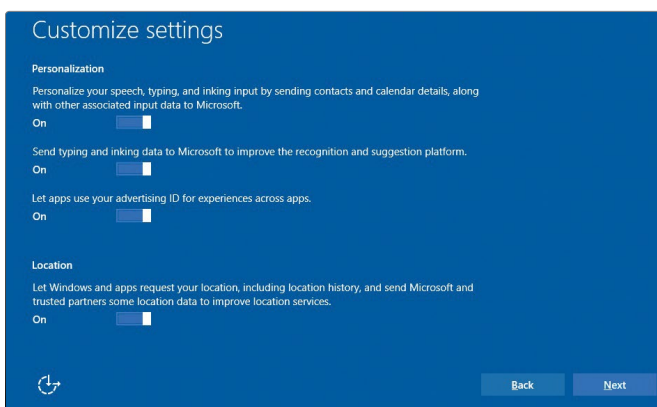
SUITABLE FOR

Windows 10
Windows 8.1
Windows 7

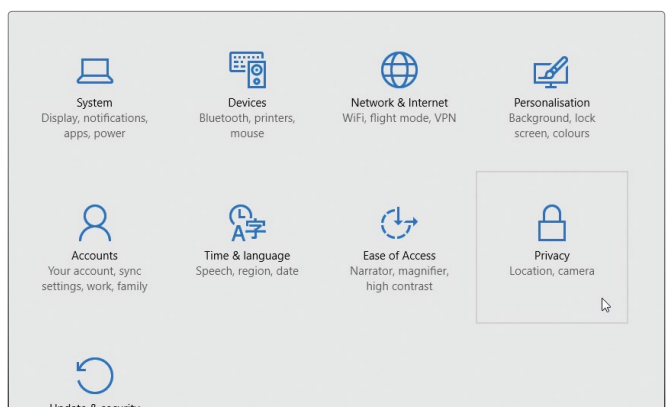
Windows 10 is currently being rolled out to Windows 7 and Windows 8.1 users who can upgrade to Microsoft's latest and greatest operating system for free. While it's great to be offered the latest software without paying, there are a few privacy settings that you should tweak after you've upgraded. There's nothing sinister here, but by installing Windows 10, a number of default settings are enabled that gives Microsoft data on how you use your PC. While cynics might say this is the price we pay for getting a free update, it's easy to change the settings so you only share the information you want to – and if you don't want to share anything, we'll show you the changes you need to make. It doesn't take long to tweak Windows 10's privacy settings, and once you're done, you can enjoy the new operating system without any worry.



Step-by-step | Configure Windows 10 privacy settings



1 Start at the beginning
During the installation of Windows 10 you can set many privacy settings before it's up and running. It will ask if you want to use 'Express Settings' and while this is tempting, click 'Custom Settings' to turn them off – we'll explain more in the next few steps. This is the best way to stay secure, but if you did choose Express Settings, don't worry, you can change that later.



2 Open Privacy Settings
If you didn't tweak privacy settings during installation you can do so by opening up 'Privacy Settings' from the Start menu and selecting 'Settings'. In the window, click 'Privacy' and you'll see a list of options, along with sliders that let you turn the options on and off. The first option to use **Advertising ID** should be switched off. SmartScreen Filter can be left on, as it will keep your PC secure.

Jargon buster!

► **Windows Apps**
Windows Apps are programs that you download and install from the Windows Store. Microsoft also includes a number of apps preinstalled with Windows 10.

► **Advertising ID**
An anonymous ID Microsoft applies to your account that lets it see what kind of things you are interested in, and provides target ads that might be of interest.

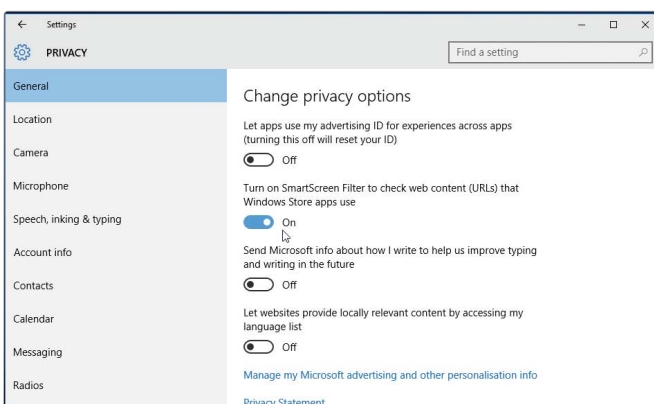
► **Cortana**
Cortana is Windows 10's virtual assistant who helps with day-to-day tasks – just speak into your microphone and say 'Hey Cortana' to start it up.

FIND A SETTING
This search box is useful if you are faced with a page full of settings and you want to find something specific. Just type in what you're searching for, and Windows will take you there.

TOGGLES
Click these toggles to turn a setting on or off. Most settings are fine to turn off, but some might make Windows apps work incorrectly.

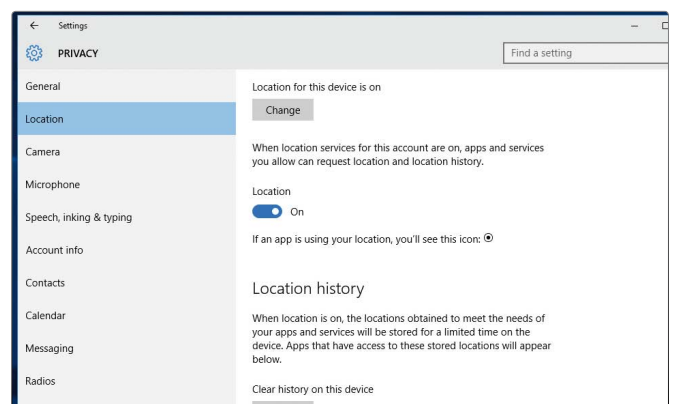
MANAGE MICROSOFT ADVERTISING
Click this link to be taken to a website where you can choose further features to turn off in regards to targeted advertising from Microsoft.

MATT'S BEST TIP!
Rather than turning off certain settings completely, it's sometimes better to go through and allow apps access to your information on a case-by-case basis. It means you have complete control over who or what sees your information.



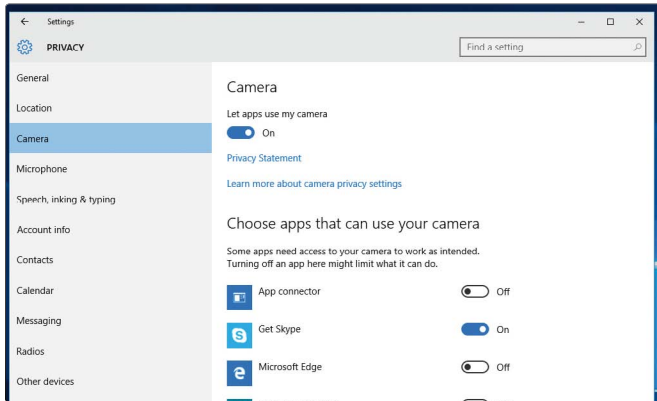
3 General Privacy

The rest of the settings in the General Privacy screen can be turned off. However, if you don't mind Microsoft seeing (anonymous) data about how you write on your touchscreen, you can leave that setting on, as it will help Microsoft improve the accuracy of its handwriting apps. Once you're happy with the selections you've made, we can move on to the next set of options.



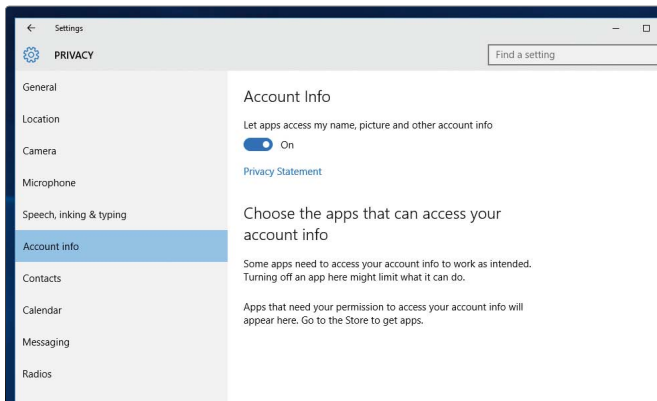
4 Location settings

The Location settings is worth visiting. Some apps, such as Maps and Weather, use your location in a helpful way – showing you the local area or telling you the weather forecast for where you are, for instance. That's why you shouldn't turn off location information completely, but choose which apps are allowed to access the data. Just scroll down and select the approved apps.



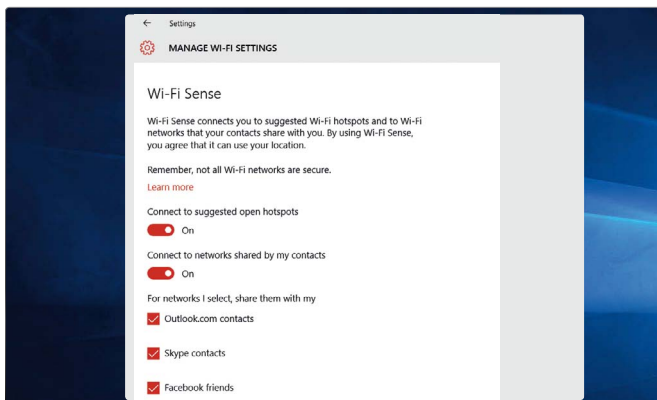
5 Camera and Microphone

The next two windows will let you change how Windows 10 uses your webcam and microphone – if you have one installed. If you use services like Skype to video call people you probably don't want to block access to your camera or microphone, so it's a good idea to approve apps that can access your camera and microphone on a case-by-case basis – as in the previous step.



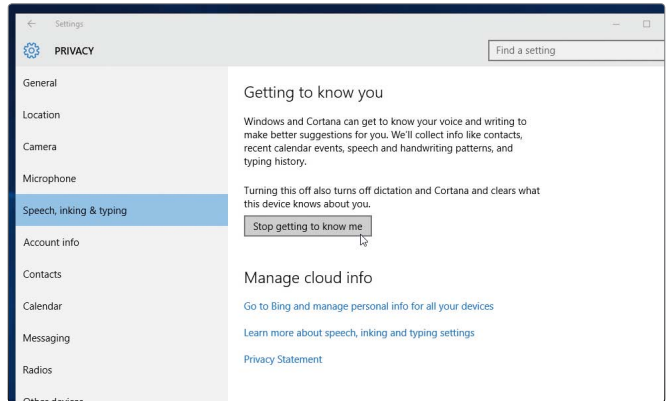
7 Other privacy settings

The next window asks if you want to share your account info with apps. Many apps from the Windows Store need this information to work, so you might want to keep this turned on. You can also select whether or not to share your contacts, calendar or text messages from the windows below. With these settings you can choose which apps have access to your info.



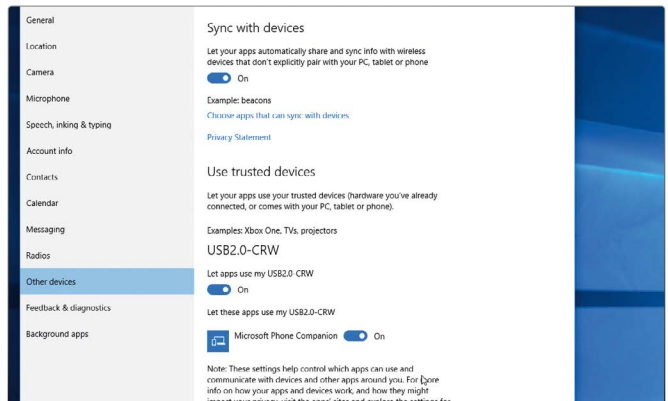
9 Disable Wi-Fi Sense

One of the most controversial features of Windows 10 is Wi-Fi Sense, which shares your Wi-Fi settings with contacts automatically. This has security implications so we'd recommend turning it off. To do so, go back to the main Settings window, select 'Network & Internet' then 'Wi-Fi'. Click on 'Manage Wi-Fi Settings' and under 'Wi-Fi Sense' turn off everything.



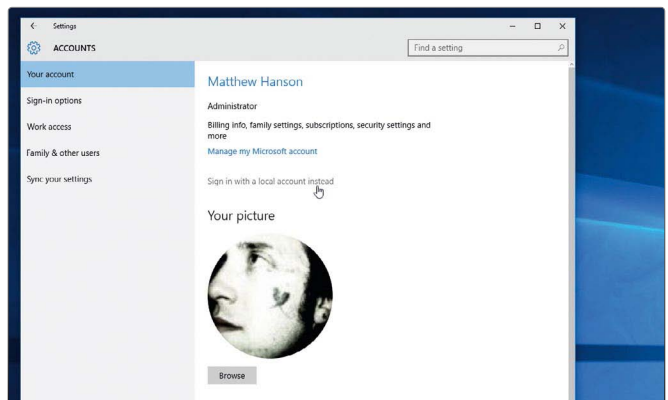
6 Keep Cortana from peeking

Cortana acts like a virtual assistant and carries out web and file searches using your voice. However, this does mean it (and therefore, Microsoft) is always keeping an ear out for what you say. To improve Cortana, data about the files you have on your PC and the web searches you do are also shared. Turn this off in 'Speech, inking & typing' and select 'Stop getting to know me'.



8 Other devices

Not only does Windows 10 share your info with Microsoft, it can also share it with other devices connected to your Wi-Fi network or plugged into your computer. This makes using your machine with other devices easy and convenient. However, you'll want to check the 'Other devices' settings to make sure you know which devices you're sharing information with.



10 Use a local account

If you want even more privacy you can create a local account and use it with Windows 10, rather than a Microsoft account. This limits the functionality of some apps, but will make sure your privacy is under control. To switch to a local account go to the main Settings window and select 'Accounts'. Click 'Sign in with a local account instead' and enter your password. ■

GET OUR DIGITAL EDITION!



**TWO
FREE
ISSUES**
WHEN YOU
SUBSCRIBE
TODAY*

MONTHLY SUBSCRIPTION:
£1.99 – **SAVE 38%**
SINGLE ISSUE: £2.49



AVAILABLE ON YOUR DEVICE NOW



*Free issues not available on Zinio.

Learn how to...

Discover music in Windows 10



Your guide *Nick Peers* says...

"Find, stream and play music from your own collection with the new Groove Music app"

At a glance...

SKILL LEVEL

- ▶ Anyone can do it
- ▶ Straightforward
- ▶ Tricky in parts

TIME TAKEN

- ▶ 1 hour

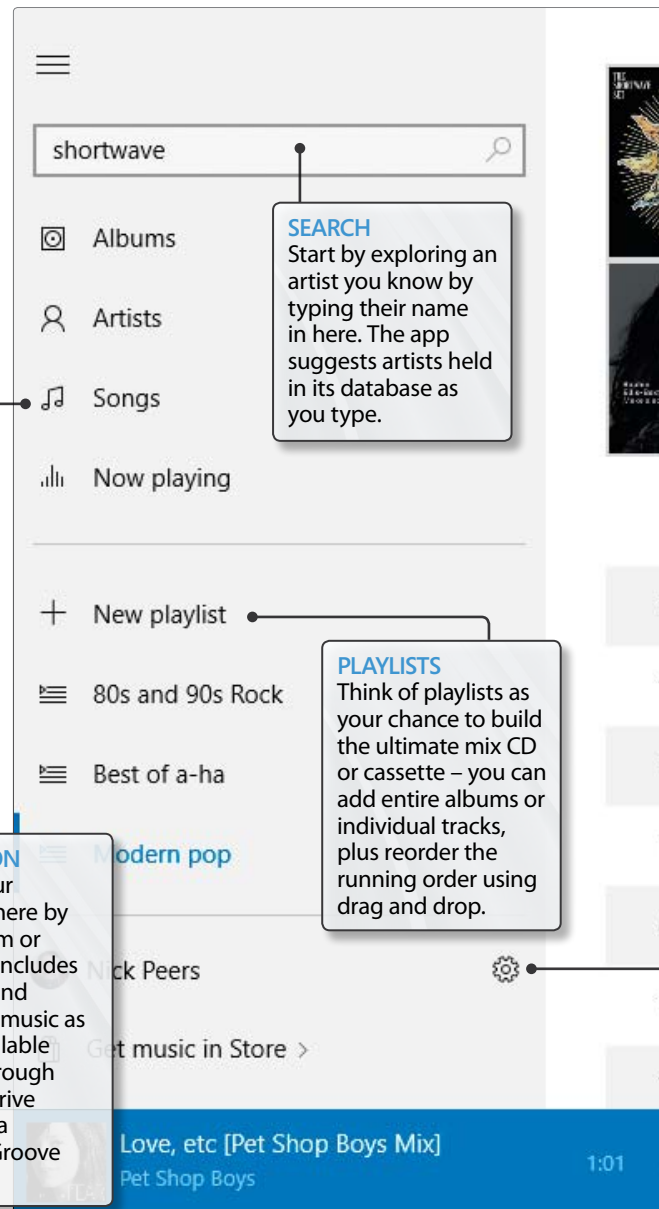
SUITABLE FOR

- Windows 10
- Windows 8.1
- Windows 7

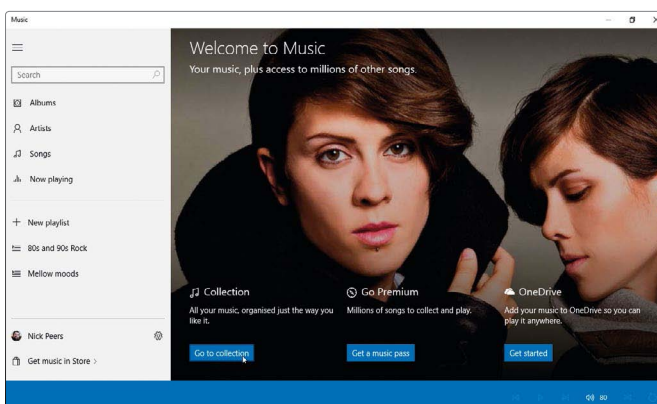
Music fans will be interested to hear that you don't need a Spotify account to enjoy music streams in Windows.

The Groove Music app pairs with your OneDrive account to offer you the option of streaming music from your collection across all the devices you own. It also lets you browse and play any music you have physically stored on your PC too. Search for any artist, song or full album and instantly play what you want. You can even create and save playlists for easy access to the songs you love.

Groove Music brings you all the music you love in one simple app: add a Music Pass (£8.99 per month) and you can stream millions of songs to your PC, and you can also buy music outright from the Windows Store, too.

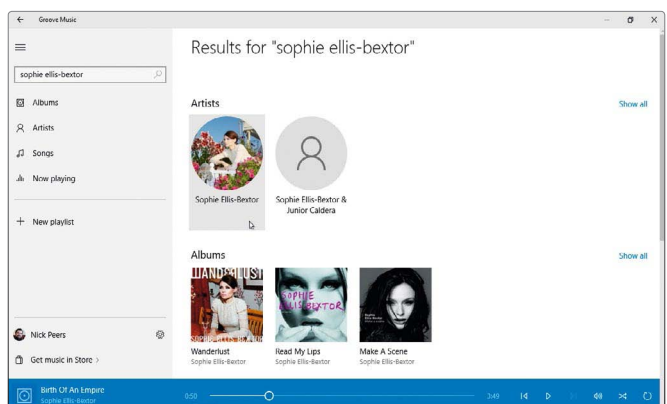


Step-by-step | Get going with Groove Music



1 Launch the Groove Music app

First of all, click the 'Start' button and select 'Groove Music' from the 'Play and Explore' section in the right-hand pane. When the app launches for the first time it'll set to work finding and adding music stored in your Music Library – if your music is stored elsewhere, then you can jump straight to step seven.



2 Find and play a track

In the left-hand column you'll see the main navigation, and at the top is the main search field. Just type the name of an artist or album and you'll see suggestions appear. Press [Enter] to run the search, or choose from the list. You might be presented with several possible results, so choose one to see the artist's discography, with their most recent albums listed first.

Modern pop
19 songs in playlist • 1 hr 12 min

▶ Play + Add to ✎ Rename ⋮ More

Pin to start
Delete

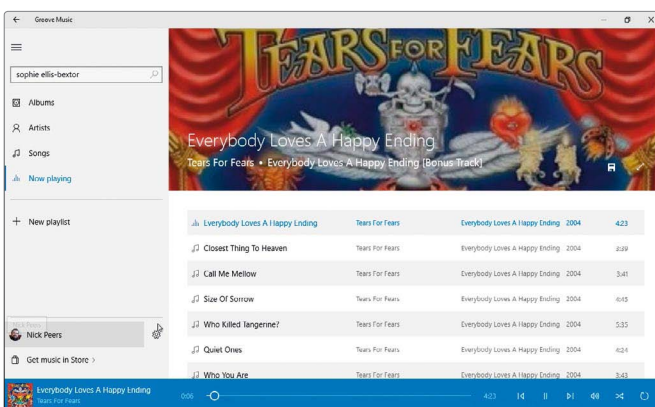
PLAYBACK CONTROLS
Wherever you are in Groove Music, this bar at the bottom allows you to control playback, pausing or skipping tracks to switching shuffle and repeating on and off.

MAIN VIEW
This view changes depending on what section you're in – here you can see how things look when browsing by a specific playlist. Right-click a track to view available options, or double-click it to play.

Track Name	Artist	Year	Duration
Everybody Loves A Happy Ending	Tears For Fears	2004	4:23
13 Little Dolls	Sophie Ellis-Bextor	2014	3:32
Kiss And Not Tell	La Roux	2014	3:53
I Thought It Was Over (Radio Edit)	The Feeling	2008	3:32
Confusion Girl	Frankmusik	2009	2:59
Poker Face	Lady Gaga	2009	3:57
The Fear	Lily Allen	2009	3:29

SETTINGS
Click this button to tweak settings, such as where to find music, or cleaning up duplicate tracks in your collection.

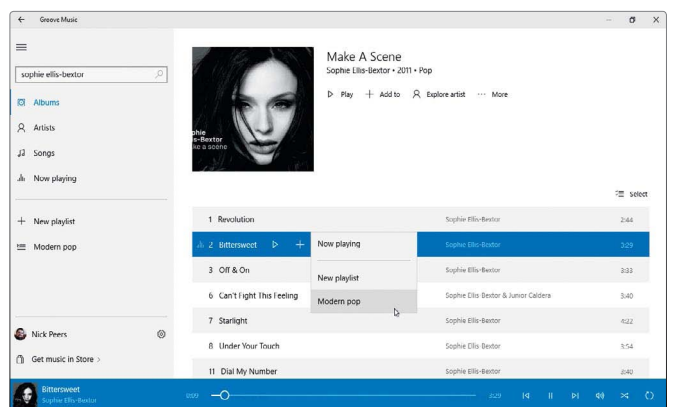
6:17 [Controls]



3

Now Playing

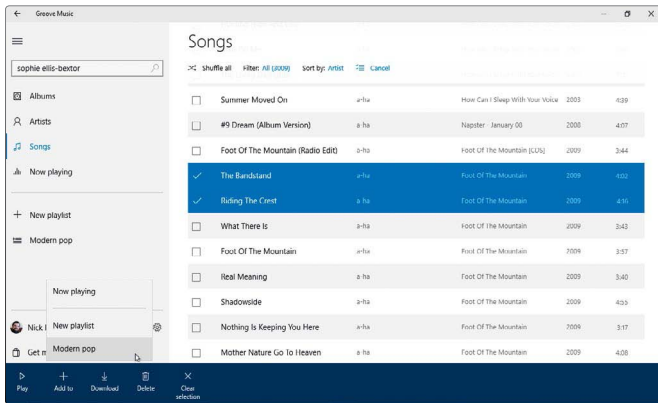
Switch to the 'Now Playing' view and a list of all queued tracks will appear underneath an enlarged view of the currently selected track's album cover. The floppy disk icon to the right of the track info allows you to convert a Now Playing list into a full blown playlist; you'll also see an option to switch to full-screen view – move the mouse to reveal playback controls.



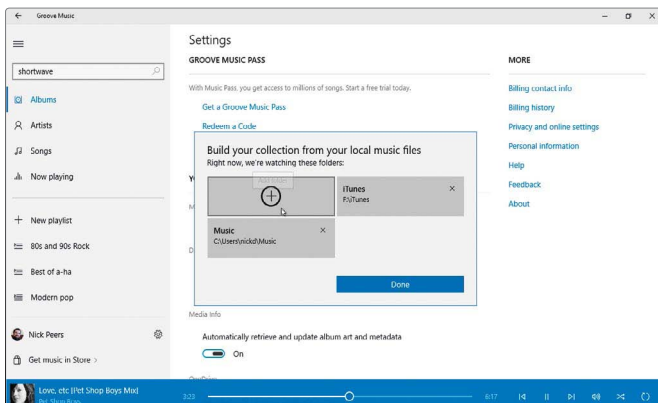
4

Using playlists

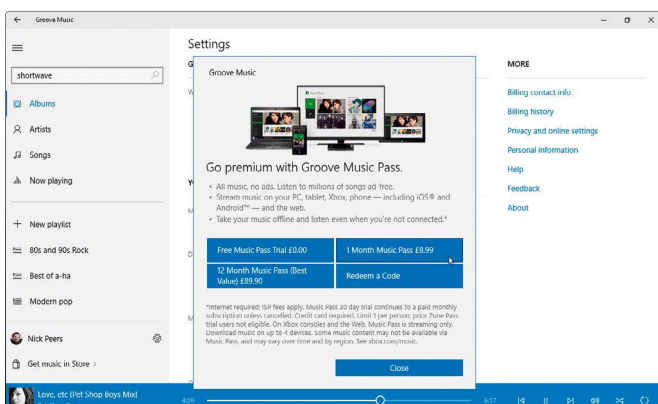
Digital jukeboxes (and iTunes in particular) have made playlists essential for music lovers. They work here in the way you would expect. Select 'New playlist' from the left-hand side and then give the playlist a name. To add a song to your new playlist, return to the list of tracks by an artist, select a track and hit the '+' button, then choose your playlist from the drop-down list.



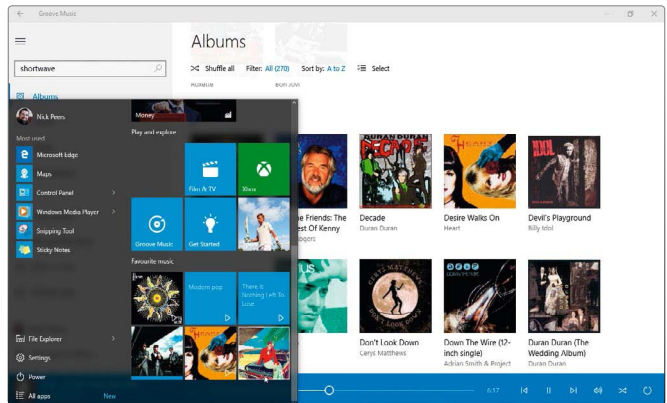
5 Build playlists quickly
A quick way to add tracks to your playlist is to switch to 'Songs' view. Click 'Select' at the top of the song list and then scroll through it, ticking all the tracks you'd like to add. Once done, click the 'Add to' button at the bottom of the screen and choose which playlist to add the songs to. Alternatively, select 'Now playing' for immediate listening, or 'New playlist' to create a playlist.



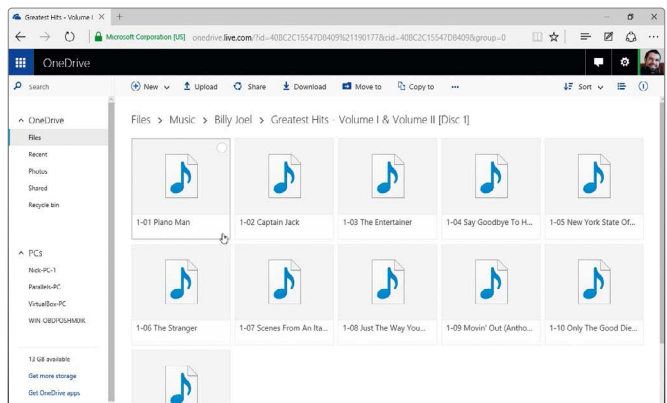
7 Add folders to collection
If Music doesn't grab all your collection, or you wish to add a separate folder of music for it to monitor, click the 'Settings' button next to your username in the left-hand pane and click 'Choose where we look for music on this PC'. Click the 'Add' button to browse for your new folder and, once it's selected and in the list, click 'Done'.



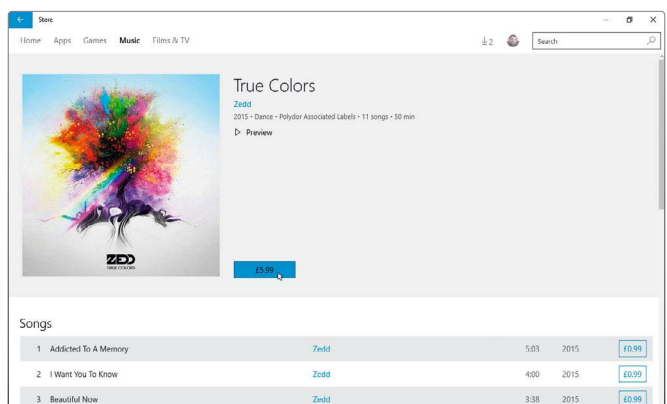
9 Go Premium
As with Spotify, not all of the app's features are available in the free version. Sign up for a Groove Music Pass and you'll get unlimited ad-free listening on all your Windows devices. You can also download music for offline listening and create playlists that automatically sync across all your devices. There's a 30-day free trial available if you want to try it out before buying.



6 Pin to Start
Groove Music lets you place your favourite tracks, artists, albums and playlists as tiles on the Start menu, allowing you to play them with a single click or tap. Just click 'Pin to start' next to an artist name, or look for it under 'More' when browsing albums; individual songs can be added by right-clicking the track in question and choosing 'Pin to start'.



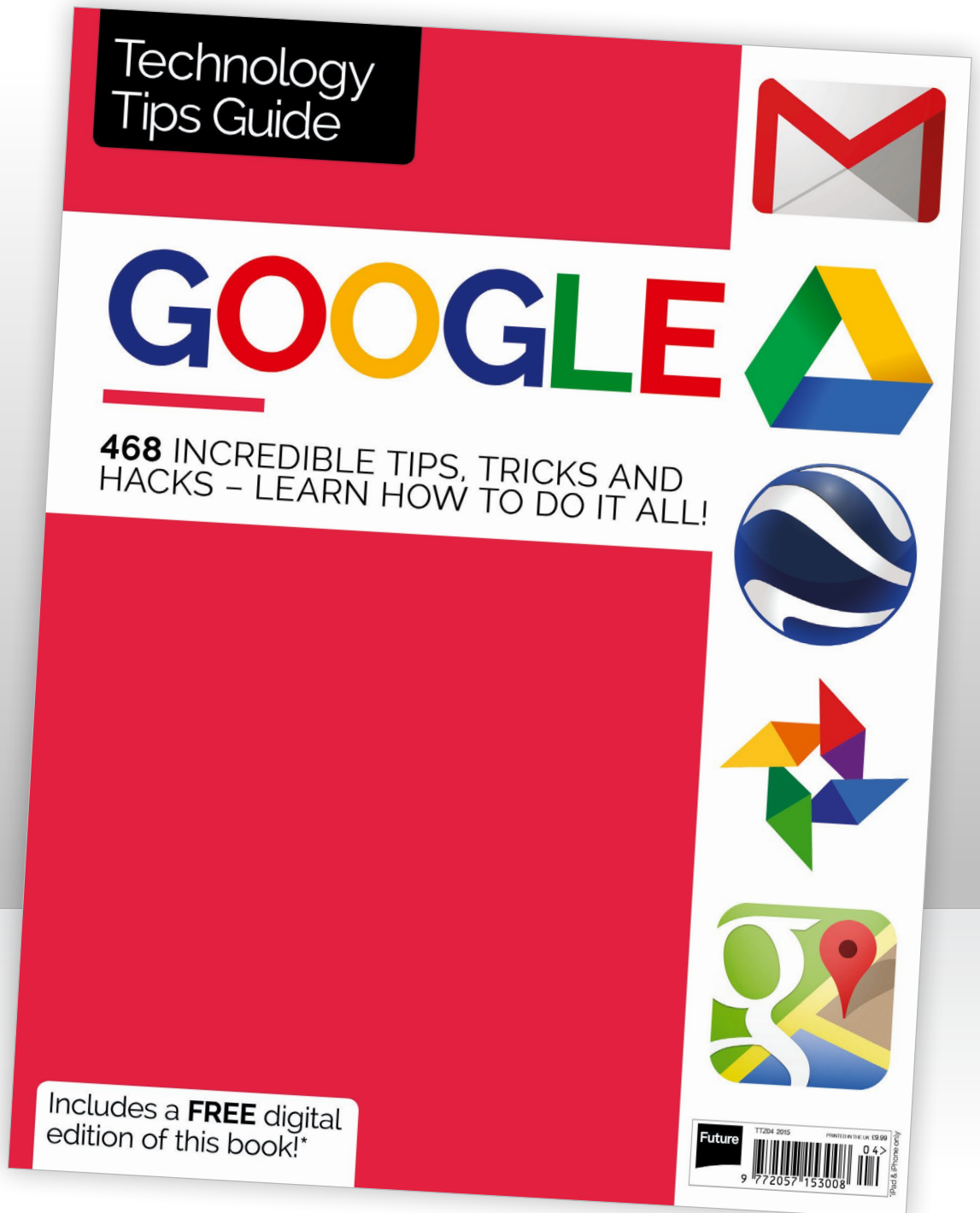
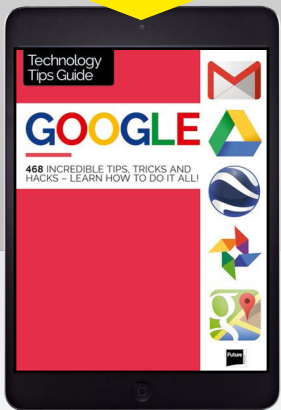
8 Access OneDrive music
Open your OneDrive folder where you should find a Music folder. Upload your digital music – WMA, MP3 and M4A/AAC are all supported – to this folder and you can stream it through Groove Music even if the files aren't physically on your PC. Purchase a Groove Music Pass and you'll be given an extra 100GB of storage for the duration of your subscription too.



10 Purchase new music
If you'd rather own music than simply rent it, click 'Get music in Store' to switch to the Windows Store's music section. Search or browse for new music – you can purchase individual tracks or entire albums, which are then downloaded to your collection (and made available on your other devices too). When you're done browsing, click 'Your music library' to return to your library.

GET THE MOST FROM GOOGLE

**OUT
NOW!**
WITH
FREE
DIGITAL
EDITION



DELIVERED DIRECT TO YOUR DOOR

Order online at www.myfavouritemagazines.co.uk
or find us in your nearest supermarket, newsagent or bookstore!

Welcome to Microsoft Edge

Microsoft Edge is Windows 10's brand new browser. We explain why it's here and how to use it

Microsoft Edge is unusual – it's a brand-new default browser for Windows 10 and for Windows Phone. As such, a lot of attention has been placed upon it,

but why are we so interested in browsers? The answer lies in how we now use the web. So many apps are now available online and we're moving online with them. Chances are you use a web-based email account. Even if you use a desktop email program such as Windows Mail, you'll still be able to access your email account through the web. And likewise, many of us are now editing documents online, writing notes – even editing images. All functions that were, a few years ago, the preserve of desktop software. So when a new browser appears, there's great interest in how it will perform.

Close to the Edge

Speed is a big factor with browsers, and it's one of the biggest reasons why Microsoft Edge is getting a lot of attention – and it's also the main reason why you'll like it when you use it. Even when Microsoft Edge was first unveiled in a developmental form back in January, it was clear it would be fast, beating Google Chrome and Mozilla Firefox for sheer speed of rendering simple web pages. That doesn't necessarily mean this will always be the case; Microsoft hasn't yet added Extensions to Microsoft Edge (the ability to add third-party applications to your browser); extras like that can have an impact on the speed of the browser.

The main reason for the fast performance is that Microsoft has developed a new 'layout engine' for processing (or 'rendering') web pages called EdgeHTML. One reason for its speed is that it's focused purely on modern web page standards rather than support for older pages. That means that some old websites won't work properly. We'll explain more on that shortly, but the benefit is that the engine powering the

browser can be faster. Microsoft Edge also matches the speedy Google Chrome for JavaScript performance – JavaScript is the programming language behind many dynamic web pages.

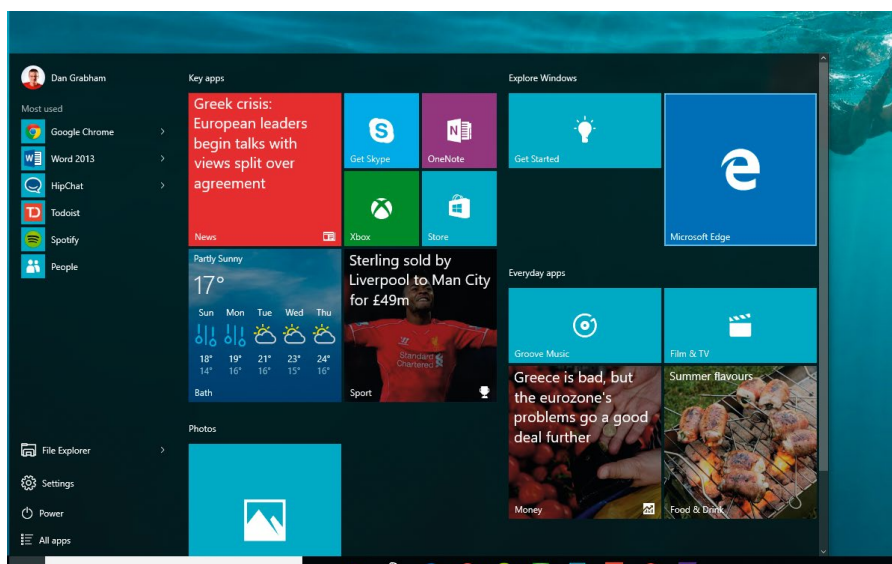
As well as Extensions, there are several other things missing from the version of Edge that shipped with Windows 10. However, you can now rearrange your Favourites, as well as add different search providers to Edge, for example – features that weren't available at first. Microsoft has promised further development on Edge over the coming months.

Initially, when we tried out an early version of Microsoft Edge back in January (it was originally codenamed Project Spartan), it was basically unusable as a browser because so many features hadn't been finished and some web pages didn't work properly. Now it's quite different and it's perfectly possible to use as a day-to-day browser. We've done it and we like it. Microsoft has a bit of a problem with Internet Explorer. However much it wants to, it can't consign it to the Recycle Bin for

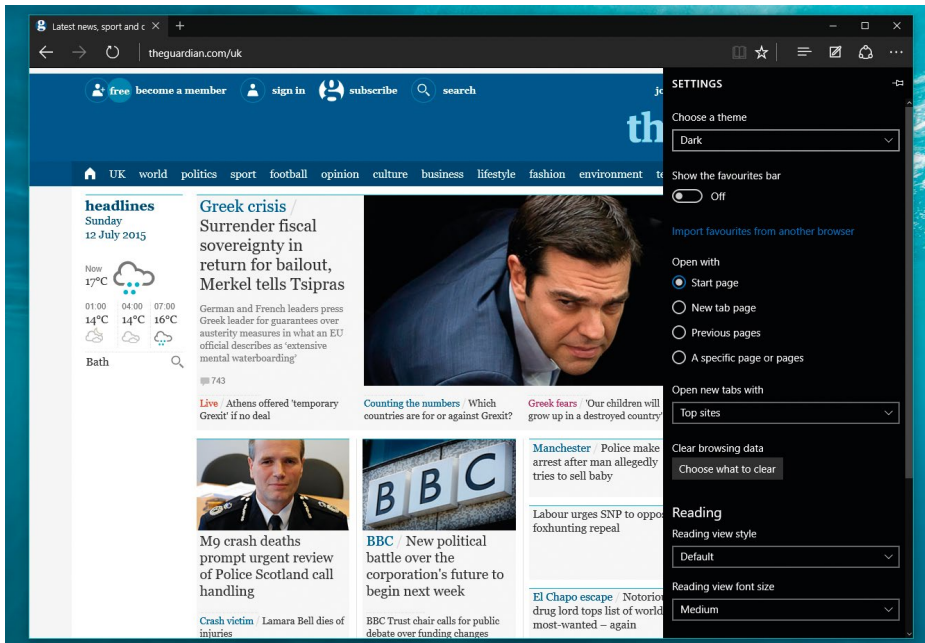
good. That's because a lot of businesses have long-used software that depends on Internet Explorer. It's been a default browser for a huge number of systems. While other browsers can be used, specifying a particular version of IE within software requirements provides a standard browser – often provided with Windows itself – that can be rolled out across a business. If you've been for an appointment at your bank recently, chances are they were using IE. This long dependence may be changing, but it's due in no small part to Internet Explorer being a constant running throughout the last two decades of Windows – it first debuted as part of an add-on pack for Windows 95.

And for that reason alone, Microsoft has also included Internet Explorer with every version of Windows 10. So while Edge is the browser that's front and centre, Internet Explorer is still there if you need it – you can simply search for it from the Taskbar.

Another reason for continuing to include it is that, as we previously mentioned,



Microsoft Edge carries on Internet Explorer's use of a stylised 'e' as its logo

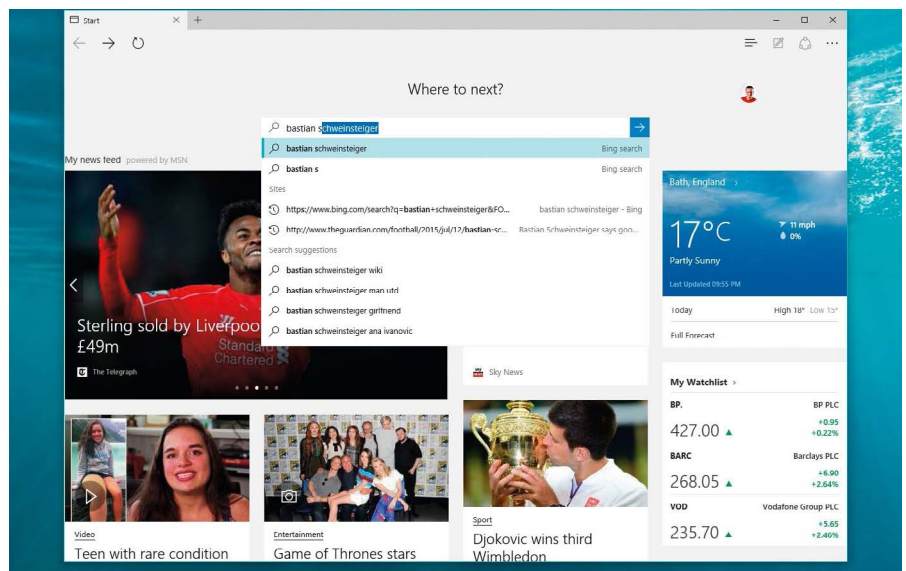


As well as the 'light' default theme of Microsoft Edge, you can alternatively paint it black

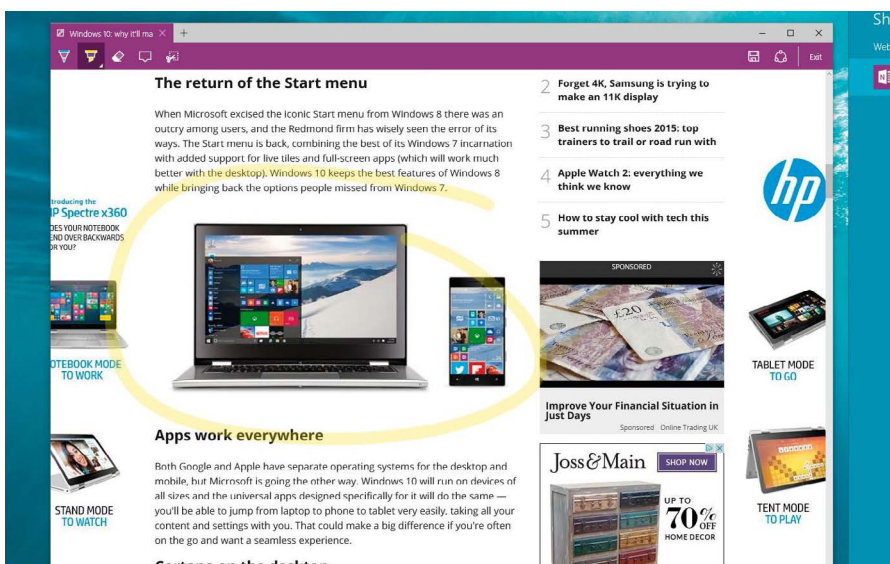
As well as its speed, Edge also brings innovative new features to the table

Microsoft Edge has been designed with the future in mind. It won't properly load websites that use outdated web tech. Internet Explorer is the fallback if you come across a page like this; if there's a page Edge can't load properly, you'll be offered the chance to load it in IE instead.

This shouldn't be seen as a criticism. Edge is a clean break from older web technologies and is a leaner browser for it. As well as its speed, Edge also brings some innovative new features to the table. One of these is the ability to annotate web pages. While third-party apps have enabled this before, it's unusual to see it in a browser. You can highlight certain paragraphs just as you would with a highlighter pen. Then you can type (or write!) notes on the page. Finally, you can export your creation to OneNote so you can save the note for posterity and share it. It's just another indication of the different ways we're



The default new tab page shows you your most visited sites, but you can have news stories via MSN



Annotations can easily be shared to OneNote, now a new-style Windows app in Windows 10

now working with the web – because more and more of us are working on content within the confines of the browser, Microsoft thinks it could give Edge the jump on rivals. And, by association, get more people using OneNote, which also comes as a Windows Store app within Windows 10. Your Notes are always backed up and synchronised across your Windows devices. There's even a shortcut to create a Note from the Windows 10 Action Centre.

Microsoft hopes Edge will become a default for many users of Windows, and despite temptation to the contrary, it's even kept a similar 'e' logo to make things easy for users familiar with IE. But in every other way, Edge is a completely new experience and is much better for it. And even though it's already a good experience in use, there are still plenty of new features to come, too.

Learn how to...

Browse with Microsoft Edge



Your guide *Dan Grabham* says...

“Let’s take a look around some of the exciting features of Edge Microsoft’s latest browser”

At a glance...

SKILL LEVEL

- ▶ Anyone can do it
- Straightforward
- Tricky in parts

TIME TAKEN

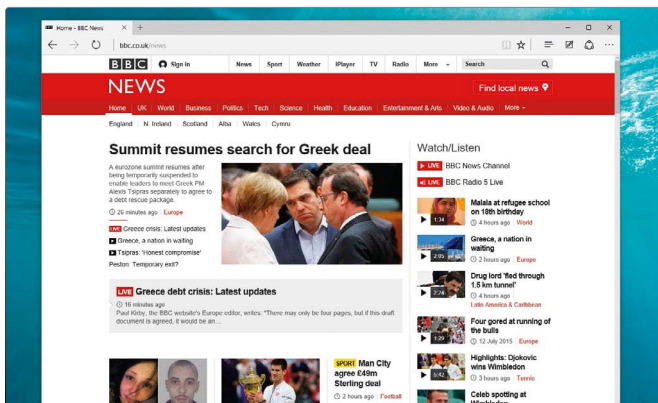
- ▶ **30** minutes

SUITABLE FOR

- Windows 10
- Windows 8.1
- Windows 7

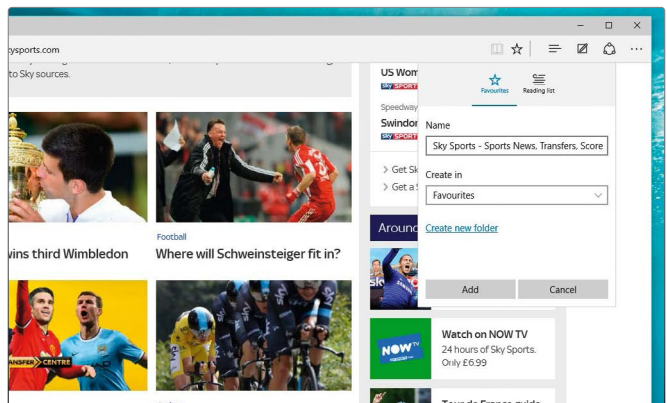
Edge has a significant number of new features, so it makes perfect sense to take you through them. While it’s designed differently from other browsers, such as Internet Explorer and Google Chrome, the basic user interface doesn’t stray hugely from accepted browser wisdom in terms of the placement of key controls. Seasoned Internet Explorer users will also notice that the Favourites/History and Download sidebar is very familiar, though now with the addition of the Reading List. We can only assume that Microsoft thinks the formula works and that it wants to ensure users migrating from IE can take to Edge straight away. As before, you can pin this sidebar so that it’s always there, should you so wish. We haven’t pinned it in the examples on these pages.

Step-by-step | Getting started with Edge



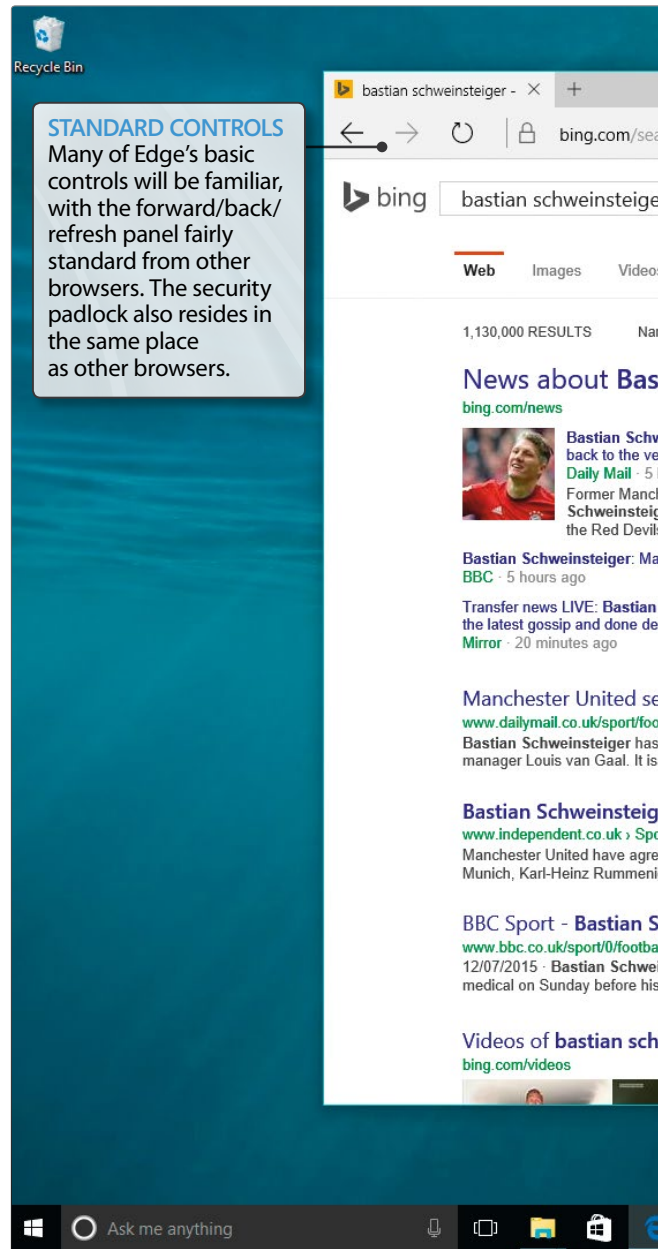
1 Welcome to the Edge

When you first launch Edge, you’ll notice it’s very cleanly designed. As with Windows 8, Windows 10 uses ‘flat’ design. It’s a minimalistic approach, but the idea is that the buttons and commands come to the fore, rather than the design of the application itself. So Edge simply has the main controls on the top left and more complex, optional items on the top right.



2 Add a Favourite

Adding a Favourite is simple; just click the ‘Star’ icon. You will then get a pop-up. Click ‘Add’ or edit the entry, giving it a new name. You can also add it to a folder. One of the folders is called ‘Favourites Bar’; this enables you to display your main Favourites underneath the address bar. To enable this feature, go to ‘Settings’, via the main menu, and toggle ‘Favourites Bar’ on.



THE FAMILIAR SIDEBAR

When you click the star to 'Favourite' a page, you're now also offered the ability to add to your Reading List. The = icon launches the sidebar featuring your Reading List, Favourites, Downloads and History.

NOTES AND SHARING

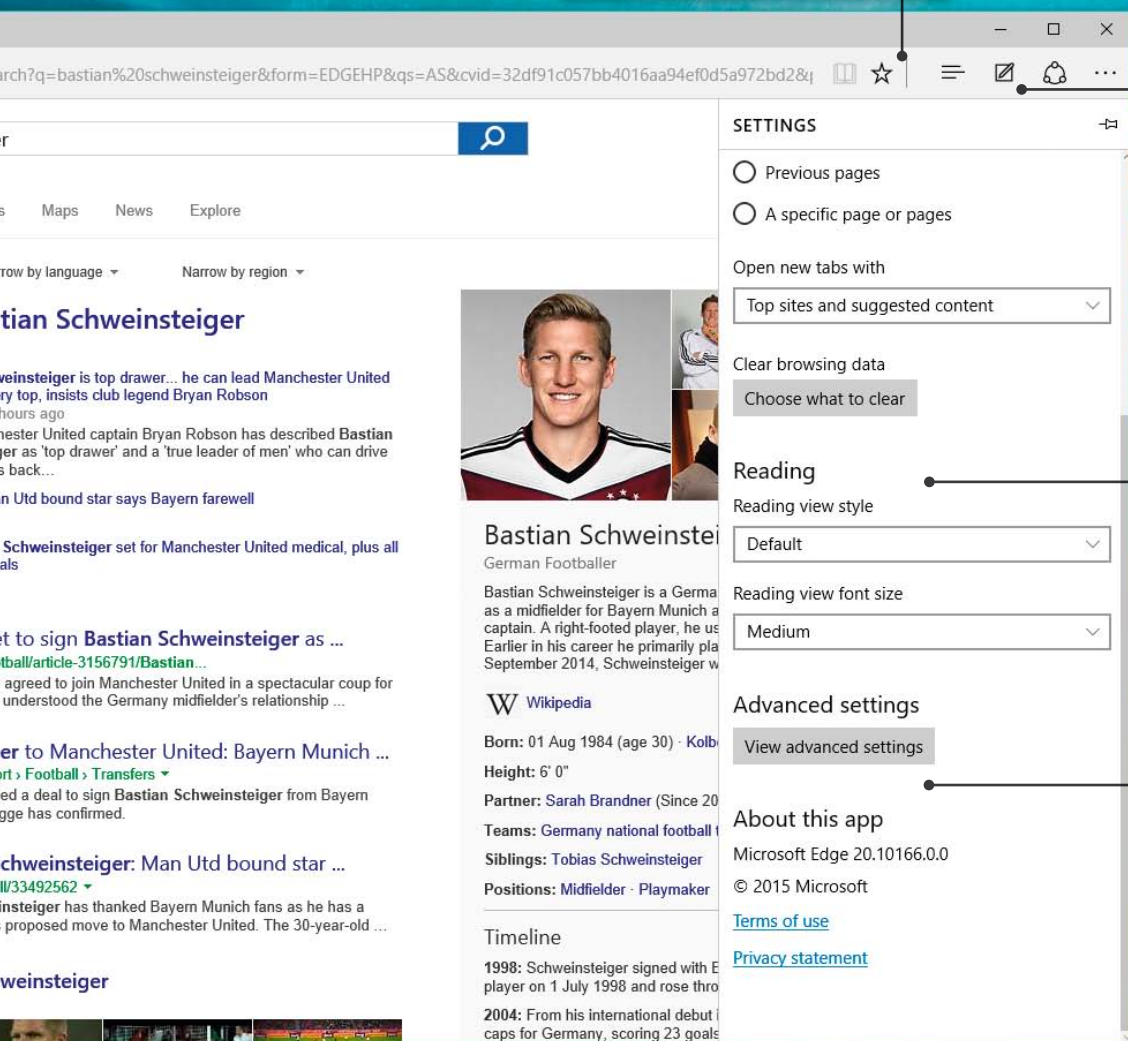
These controls enable you to launch Edge's Notes mode (so you can annotate web pages). The Share button enables you to share any web pages with compatible Windows Apps, like Mail and OneNote.

READING VIEW CONTROLS

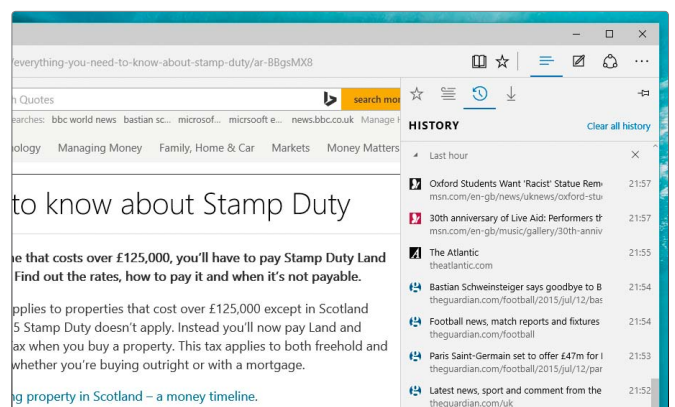
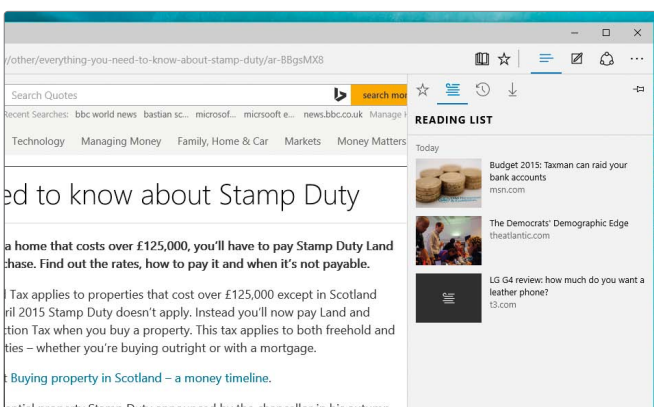
The Reading View can be fine-tuned depending on your requirements – you can change the font size used, as well as the colour of the background.

ADVANCED SETTINGS

As you can see here, the basic Settings menu isn't that comprehensive – an Advanced Settings button takes you deeper and enables you to fine-tune more of the Microsoft Edge features.



Windows 10 Pro
Evaluation copy

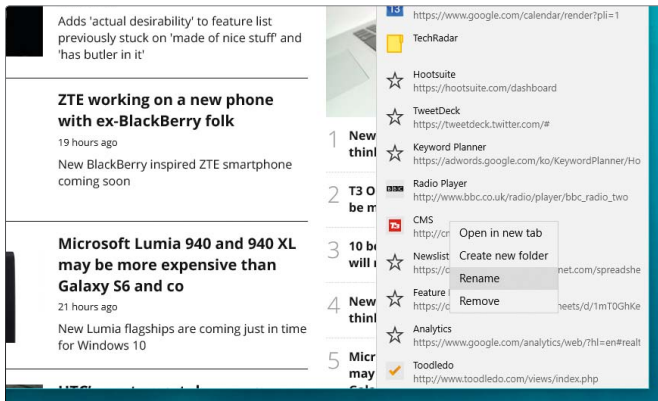


3 Your Reading List

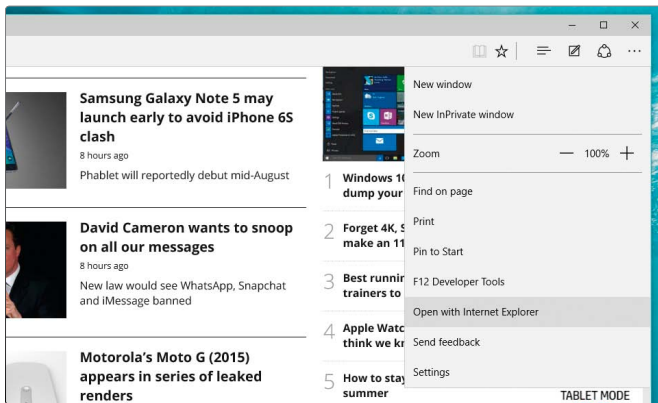
When you add a Favourite, you also have the option to add the page to your Reading List. Think of this as a place to store articles you want to read later. Save to your Reading List just as you add a page to Favourites, selecting 'Reading List' at the top of the pop-up box instead. To access Reading List, click the icon to launch the sidebar.

4 Check your History and Favourites

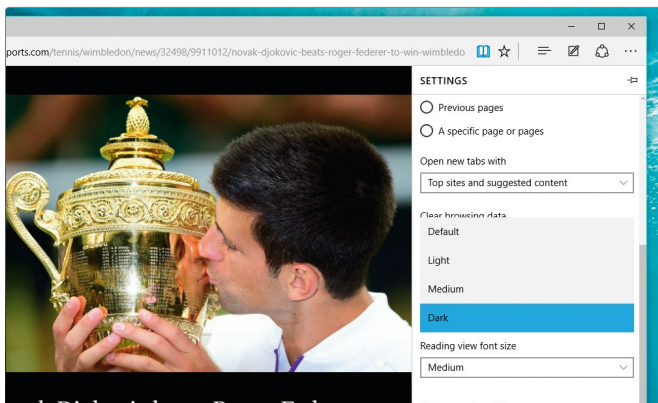
Within the sidebar, you can cycle through your Reading List, Favourites, Downloads and History; use the icons at the top to select what you need. There's also a pin to keep the sidebar open. Here we're looking at our History. You can select any page or clear them. If you don't want to add sites to History, select 'InPrivate' browsing from the main menu. This will open a new window.



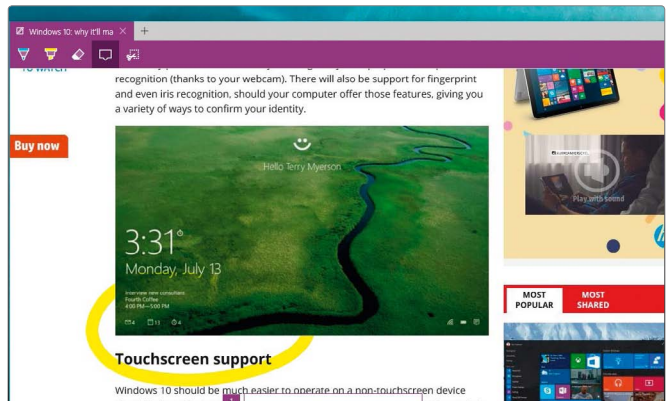
5 Editing Favourites
 You can drag and rearrange Favourites within the Favourites area of the sidebar. Here, we've displayed the Favourites Bar via the 'main menu > Settings' and we've gone into the folder within Favourites that controls that. Right-click on anything in Favourites to bring up options such as opening the page in a new tab, creating a new folder or renaming the item.



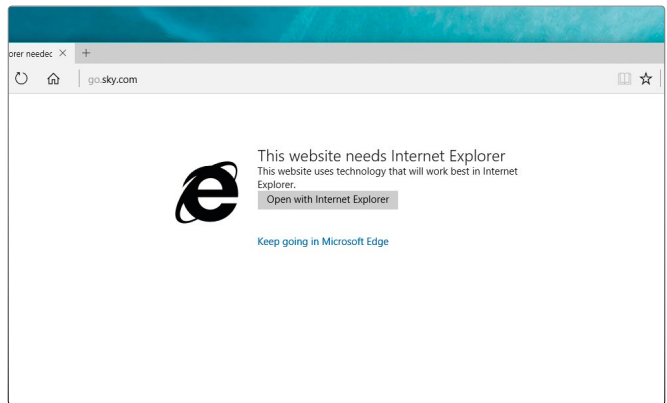
7 Edge's main menu
 Open the main menu via the ellipsis (...) icon in the top right. From here you can open a new window or an InPrivate window, as well as zoom into the current page. You can also opt to pin a particular web page to your Start menu as a tile. From here, you can access the Settings, plus perform other functions such as 'Print' and 'Find a word or phrase' in the open web page.



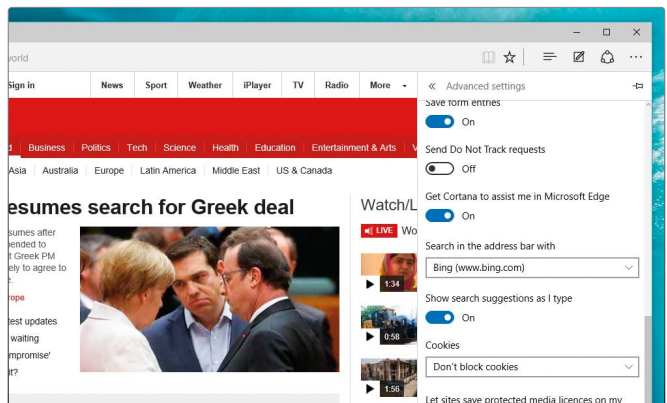
9 Reading mode
 If you go to read an article on the web (rather than a homepage, such as bbc.co.uk), the book icon next to the address bar will become active (it goes black rather than grey). Clicking it puts you into 'Reading Mode', which offers a clean interface. You can fine-tune how it looks in Settings – here we've selected 'Dark' for the background. You can also change the size of the text.



6 Annotate pages
 One of Edge's best features is the ability to annotate web pages. You can switch into this mode using the button in the top-right of the main window. You have editing controls on the left, while you can save, share or exit on the right. The controls include a pen, a highlighter, an erase function, an annotation feature and a copy tool that lets you copy an area of a web page.



8 Open in Internet Explorer
 If pages don't display, there is the option of opening them in Internet Explorer. You can do this manually, using the 'Open with Internet Explorer' on the main menu. But if you open a page that uses old web technologies, this prompt will urge you to open it in IE instead. The example here is Sky Go TV on demand. It uses the Silverlight video player, which is no longer in development.



10 In-depth Settings
 Within 'Settings' you'll see 'Advanced Settings'. These cover things such as your browser cookies (data that sites leave on your PC to keep track of you) and other security settings. You'll never need to worry about most of these, but it's great that you can take control if need be! You can also change search provider and choose if you want Edge to help with search suggestions. ■

TERMS AND CONDITIONS Prices and savings quoted are compared to buying full priced UK print and digital issues. You will receive 13 issues in a year. If you are dissatisfied in any way you can write to us or call us to cancel your subscription at any time and we will refund you for all unmailed issues. Prices correct at point of print and subject to change. For full terms and conditions please visit: myfavm.ag/magterms.

INTERNATIONAL READERS CAN SUBSCRIBE TOO!

Don't wait for the latest issue to reach your local store – subscribe today and let Windows Help & Advice come straight to you



WHY SUBSCRIBE?

- Stop paying overseas cover prices and save yourself money
- Never miss another issue
- All 13 issues a year will be delivered direct to your home or workplace by airmail

TO SUBSCRIBE

- **Live in Europe?**
Pay just 104 EUR a year for 13 issues
- **Live in the USA?**
Pay just \$138 a year for 13 issues
- **Live elsewhere?**
Pay just \$147 a year for 13 issues

TO SUBSCRIBE GO TO
www.myfavm.ag/WINoverseas

Or call our helpline on (+44) (0)1604 251045

Contact centre opening times are: 8am to 9.30pm weekdays, 8am to 4pm on Saturdays

Learn how to... Use the Windows Store

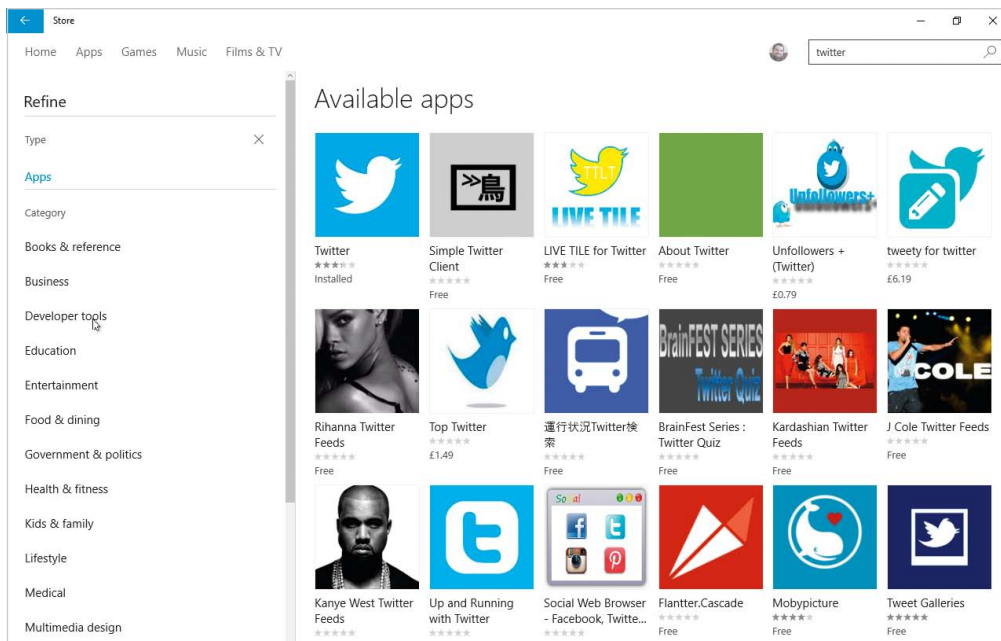
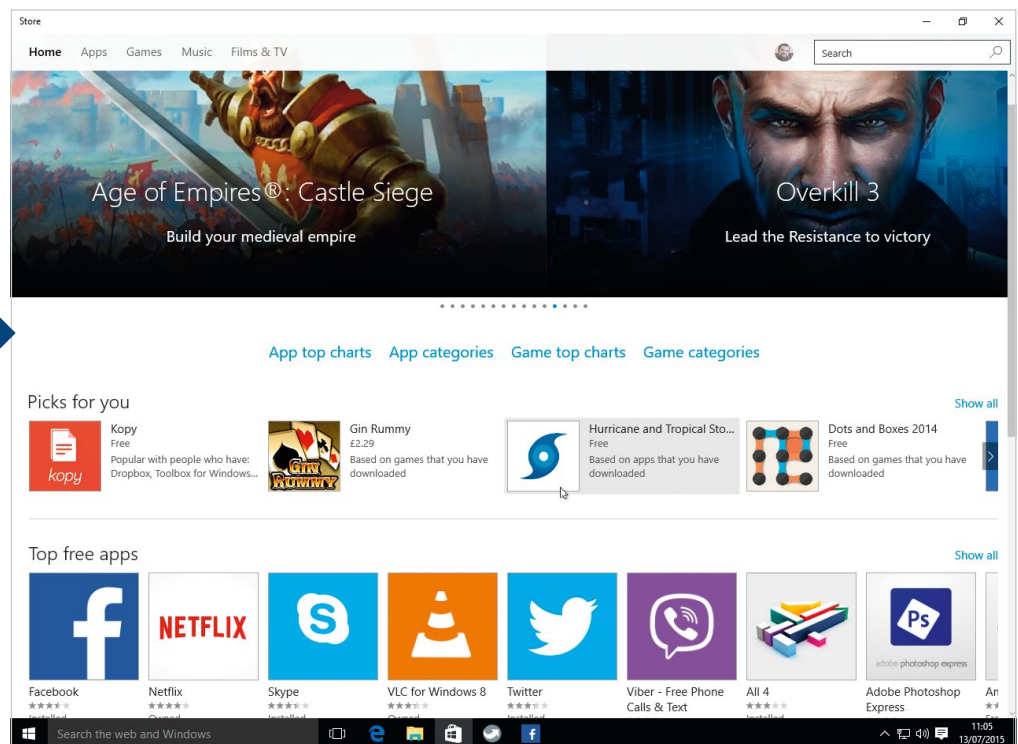


Your guide *Nick Peers* says...

"Tap on the Store tile on the taskbar to browse, install and update apps on your Windows 10 PC or tablet"

Browse apps

The front of the Store is designed to bring more relevant and popular apps and games front and centre. The first screen you see shows you various picks and suggestions for great apps, along with category shortcuts, but you can scroll down to reveal the top apps in various categories, including free (always a winner), new and rising apps. Keep scrolling to access games.

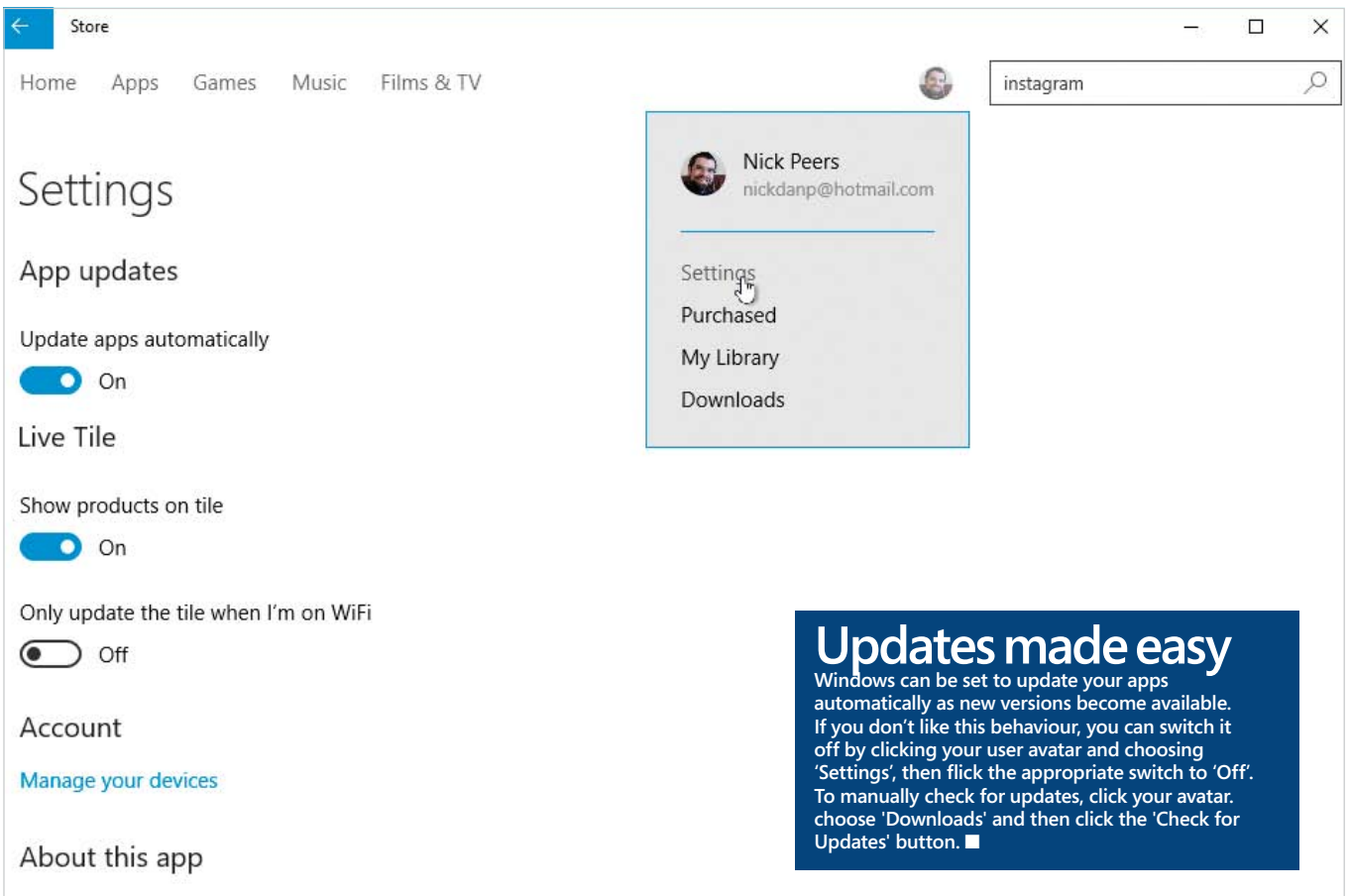
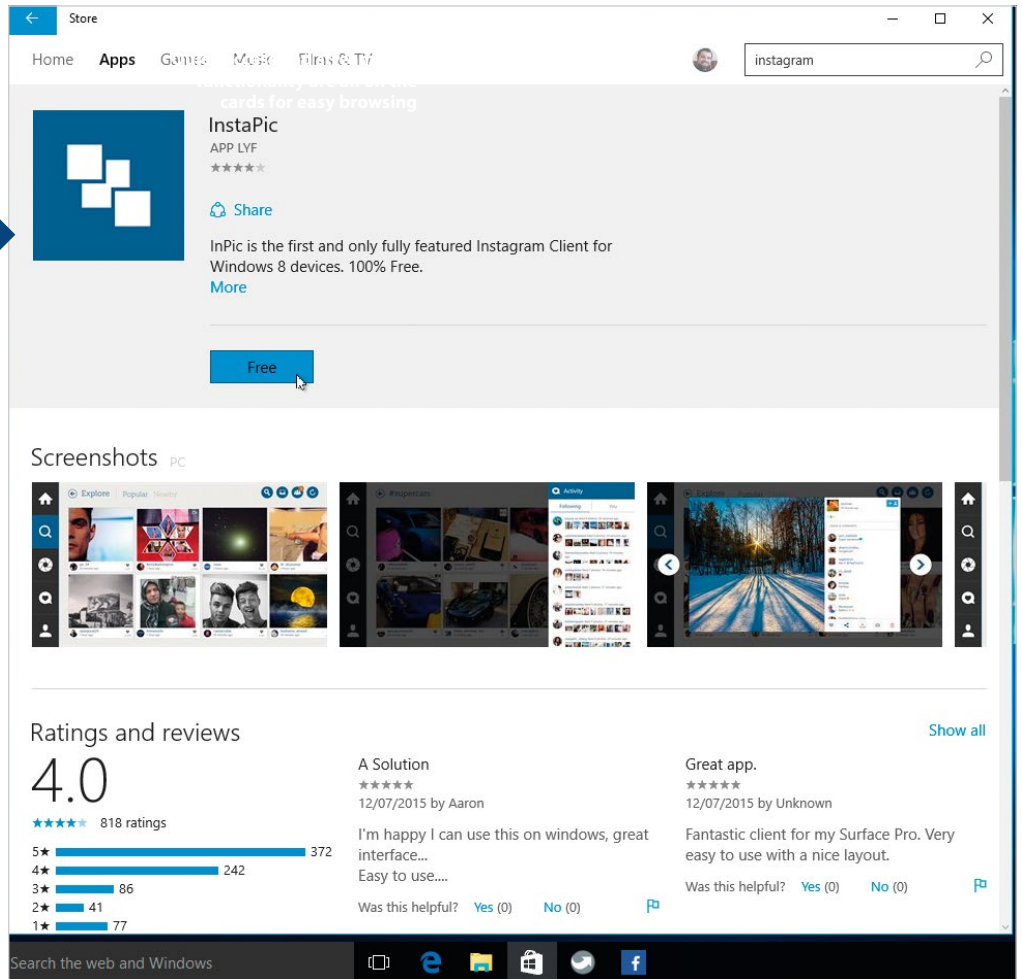


The power of search

It's easy to find an app you've heard about. Just tap or click, in the search bar in the top right-hand corner of the Store, type in the name of the app you're looking for and hit [Enter] to view suggested results. Use the 'Refine' categories on the left to narrow your search by content type, or click 'Show all' next to Apps or Games to view all matches and access further filters to help refine the results further.

Installing a new app

Select an app to view its details and install it. You're rewarded with larger screenshots and easier access to ratings and reviews (just scroll down). Keep scrolling and you'll also find handy links to other titles by the same publisher, as well as a list of apps compiled by Bing that may be of interest. If the app is free then you can install straight away, if it's paid-for then you need to hit the 'Buy' button.





ONE DRIVE

TAKE WINDOWS 10 INTO THE CLOUD

Use Microsoft's cloud storage system to access your files wherever you are

Microsoft's online storage offering, OneDrive, has joined the likes of Dropbox, Google Drive and BT Cloud in the scramble to get your files backed up in the cloud (that nebulous term for banks of storage racks humming away

in a data centre... somewhere). OneDrive has been through a couple of different incarnations since its launch in 2007. You might remember it as SkyDrive, which was its codename before it became available for beta-testing as Windows Live Folders. It became Windows Live SkyDrive very shortly after launch. The 'Windows Live' part of the name was quietly dropped, and SkyDrive rumbled on through the launches of Windows 7 and 8 until 2013, when a case in the High Court in London determined that the name infringed BSkyB's 'Sky' trademark. From these Murdoch-stoked ashes rose OneDrive, and that moniker is the one you'll find today in Windows 10.

Cloud storage is important for anyone who wants an off-site backup of important information they can't afford to lose. This might be your accounts, irreplaceable photographs or home movies. OneDrive protects you against data loss by saving multiple copies across its servers, so if one fails there's always another to take its place. Your data is hidden behind a password and two-step authorisation system (if you enable it) so only you can access it, and thanks to mobile apps, everything stored there can be at your fingertips wherever you are, on any device. You can think of OneDrive as an extra 15GB of storage for your smartphone; the files from your PC can be delivered over its data connection with a few taps.

If you're a Windows 10 user, you'll find OneDrive is built in, and because you use a Microsoft account to log into your computer it will use OneDrive to sync your files and settings across multiple PCs. If you're using a version of Windows older than 8.1, there's a desktop app that offers file syncing.

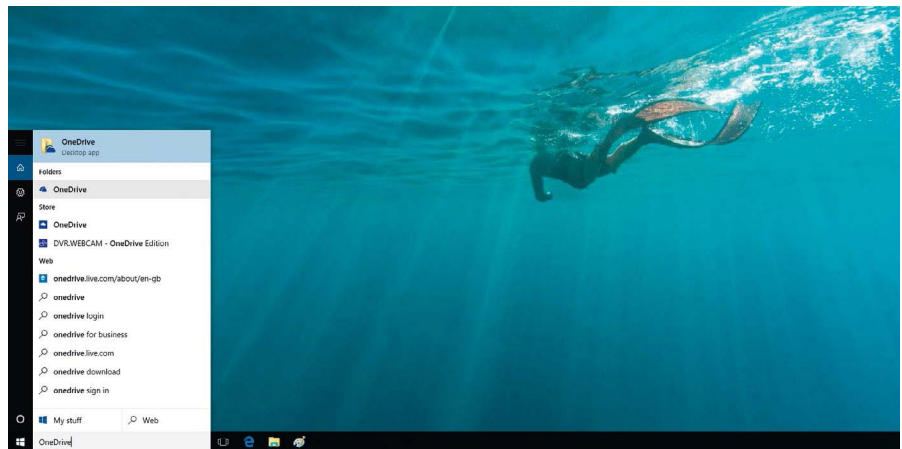
ONEDRIVE IN WINDOWS 10

Microsoft has made the cloud an integral part of its latest OS

For Windows 10 users, OneDrive is transparent as long as you're signed in with a Microsoft Account. Running automatically in the background, backing up your documents and settings, you may never even know it's there. Bring up the Start menu, and start typing 'OneD...' by the time you've got that far through its name, Windows will have found its sole option – opening the OneDrive folder. OneDrive options are spread around Windows 10 rather than existing as a dedicated app, but pay a visit to the System Tray, and you'll find a OneDrive icon there that allows access to settings and help if you right-click it.

Click on 'OneDrive Storage Space', and you'll open a web page dedicated to your OneDrive. First up is your free space. You get 15GB by default, although there are ways to expand this. That's quite a lot of storage though, as you're only going to use it for documents and data rather than for installing programs or operating systems.

There aren't many options on the web page other than the prominent 'Buy more storage' button. Saving documents to OneDrive is enabled by default in recent version of Office, but you may still want to move your Documents and Pictures folders inside the OneDrive folder so that



SEARCHING WINDOWS In Windows 10, it's easier than ever to find what you're after

all your documents go into the cloud as well as being stored locally on your hard drive. If you've got more than one Windows PC, logging into them all with the same account means your documents will be automatically synced between the computers, so you'll never need to run upstairs to switch on the desktop computer to find a spreadsheet when you could be sitting in the garden with your laptop instead.

PC settings can also be synced between computers, including things like desktop

icons and wallpaper, making it feel like all your computers are one computer and removing the need to make the same change to all your systems.

Click 'Accounts' in Windows' Settings app to find the sync settings. If you want your PCs to feel familiar, with no differences in wallpaper, Start screens or even elements such as browser and mouse acceleration settings, then turn all these options to 'On'. This also means you can save all your PC settings to OneDrive without having them synced across multiple computers. You can restore the settings to your PC if you ever need to replace its hard drive, or reinstall the operating system for another reason, making your 'new' computer just like your old one.

You can also automatically upload your pictures from your PC hard drive to OneDrive, and 15GB can hold a lot of photos. Make sure syncing of the Pictures folder is turned on in OneDrive settings, then you can forget about it. Every time you save a new photograph to your PC, it will appear online a little later, depending on the speed of your internet connection. Once it's there, it will also be available to any other PCs or devices you're logged into with the same Microsoft account.

Photo uploading also works the other way – images taken on your phone can be synced to your desktop PC without having to connect the two with a cable. This is where the final option in Settings comes into play: Metered Connections.

If you're using Windows 10 on a tablet or laptop with a SIM card slot, you might not want uploaded photos running up your phone bill. Metered Connections gives you options for controlling this, allowing your device to synchronise settings, for example, while turning off photo or movie uploading while you're using mobile data.

WHAT ABOUT WINDOWS 7?

Microsoft hasn't forgotten about the legions of users Windows 7 still commands. While the venerable operating system doesn't have the full OneDrive functionality of Windows 10, there's still an app you can download to gain at least some of the cloud backup features.

To get started with OneDrive, point your Windows 7 PC's web browser to www.onedrive.com, where you can either sign in with an existing account or create a new one. You don't have to do that yet though – just click 'Get OneDrive on your devices', then 'Download OneDrive for Windows' on the left-hand side.

A setup file will download, which you can double-click to run, and the app will install. You'll need to provide the app with account details and choose a location for the OneDrive folder on your hard drive. Any files you copy into this OneDrive

folder will be mirrored on the OneDrive website, and any you upload from mobile devices will appear here once synchronisation has taken place.

If you've got a lot of data stored in the cloud that you don't want to appear on your hard drive, you can use OneDrive's selective sync feature to limit what gets downloaded. Right-click the OneDrive icon in the notifications area, then select 'Settings > Choose Folder > Choose Folders'. Here you can decide which folders stay in the cloud, and which ones are synced for you to use.



OFFICE ONLINE

It's Microsoft Office, in your web browser

Since 2010, Microsoft has offered a cut-down version of its Office suite that runs in your web browser and saves its files to OneDrive.

Office Online is completely free to use, and for general word processing and light spreadsheet use, it's the only office suite you'll need (as long as you're connected to the internet).

To use Office Online, head to www.office.live.com and click the tile for the application you want to use. You might have to sign in with your Microsoft account if you haven't already done so. You'll be offered the choice between templates or a blank document, just as you would in the desktop version of Office, and the apps behave very much like their full-fat cousins – the ones Microsoft would like you to pay for.

Office Online documents are saved in the Documents part of your OneDrive folder as ordinary files (.docx, .xlsx, etc), as their desktop equivalents would.

This means you can write up a proposal and send it by email as a simple attachment to be opened on the recipient's PC. And while it's not made very clear, you can rename a file by clicking its name on the browser app's blue header bar, so you don't end up with lots of files just called 'Document'.

There's something else OneDrive can do that's a little more clever. You can use it to embed documents into websites, making it easy to display information that can be edited in Office Online rather than tinkering with HTML.

From your Office Online document, select 'File' (that's Office Online's File menu, not your web browser's) then 'Share'. Hit the blue 'Generate' button, and you'll be prompted to select a width for your document in pixels. When you're happy, copy the code from the bottom of the window, and paste it into a page of your website.



OFFICE ONLINE Microsoft's programs are also available as free online apps

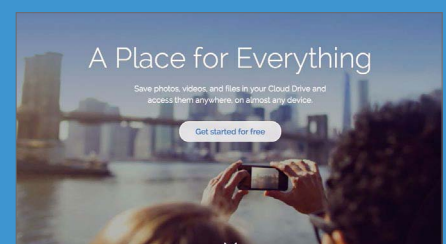
GET FREE SPACE FROM ALTERNATIVE CLOUD SERVICES



BOX Box has been around since 2005 and currently offers 10GB with a free personal account. The size of each file, however, is limited to 250MB. This makes it less useful for archiving movie files, which can be very large. In comparison, OneDrive and Dropbox allow files up to 10GB each. You can expand Box to unlimited storage with a paid-for enterprise account.



iCLOUD Apple recently expanded its online storage offering, with 5GB available for free and 20GB for 79p a month. If you're an iPhone user you'll already have an iCloud account attached to your Apple ID, but iCloud doesn't work like other cloud storage offerings. There's no simple folder syncing here, even through the Windows app.



AMAZON CLOUD DRIVE Amazon offers 5GB for free and paid plans ranging from 20GB for £6 a year up to a whopping 1TB for £320 a year. Geared more toward photo and video backup rather than general file storage, Amazon offers apps for mobile devices, but documents other than photos and videos won't appear on mobiles even if they're in your drive. Only eight devices are allowed access to your account at any one time.

IFTTT AND ONEDRIVE

Automate your cloud backups

If This Then That (www.ifttt.com) is an extremely handy online service that can automate the interactions between other online services.

This sounds like madness, but a simpler way of thinking about it is that, if you want, all the pictures you're tagged in on Facebook can be saved directly to OneDrive.

The service keeps running until you tell it to stop, so any pictures you're tagged in from then on will be saved to OneDrive too, and from there appear on your hard drive.

IFTTT uses 'recipes' to do its work, and at the time of writing there were 643 available that make use of OneDrive, from saving all your Instagram photos to it, to Gmail

attachments (useful for immediately opening Office documents in Office Online), to Bing's image of the day. You can even save tracks from Soundcloud direct to OneDrive, if they're available for download. If you're looking for a really

secure off-site backup plan, you could use IFTTT to synchronise the contents of your OneDrive with another cloud storage system, such as Dropbox, mirroring your files between the two and knowing nothing will be lost.

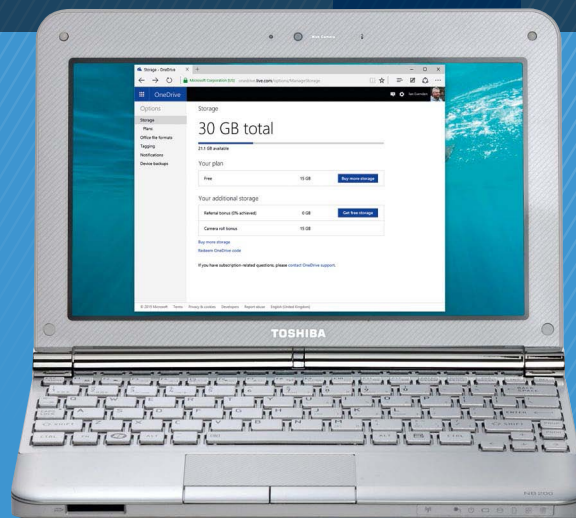


AUTOMATED
Save pictures straight to OneDrive

GET MORE ONEDRIVE STORAGE

There's an easy way to get an extra 15GB of OneDrive storage. Simply upload your camera roll from your phone to OneDrive, using the free OneDrive app, and you will be rewarded with an extra 15GB of free space, for a total of 30GB.

If you don't want to do this then referring your friends is another free way to get extra storage. Go to www.onedrive.com, log in and click the 'Get more storage' link at the bottom of the left-hand sidebar. Click Get Free Storage. You can earn a 500MB bounty for anyone who signs up for the service from one of your referral links – it's well worth having even though it might take a lot of friends to match the 15GB of free capacity.



FINAL FRONTIER It's easy to get more space completely free

The only way to access truly huge amounts of storage, enough to back up whole hard drives' worth of data, is to pay for it, and this is likely to be the choice of the professional who can't risk losing images, movies or audio data.

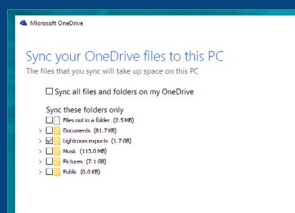
Extra storage can be bought from the OneDrive website, or through the OneDrive storage space app. Either way, a terabyte of space will set you back £7.99 a month. This includes a subscription to Office 365 for five users – each of whom gets the full 1TB.

There are cheaper options available. £1.99 or £3.99 a month gets you 100GB or 200GB of storage space respectively (in addition to your free 15GB), but without the Office subscription.

TIPS AND TRICKS

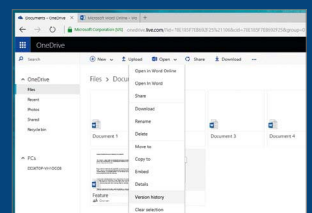
SELECTIVE SYNC

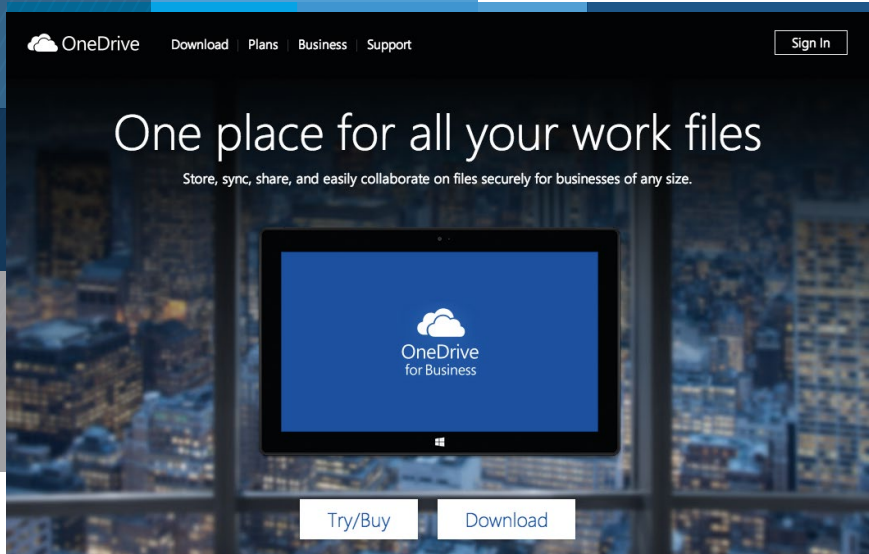
Windows 10 drops the file placeholders seen in Windows 8, as many users found them confusing. Instead, there's now a Dropbox-like selective sync system that lets you choose exactly what data ends up in the cloud. Right-click the OneDrive icon in the system tray and choose 'Settings', then click the 'Choose Folders' button on the 'Choose Folders' tab. Tick the folders you want to back up.



VERSIONING

Shared documents are vulnerable to being overwritten, but OneDrive allows you to roll a file back to an earlier version, potentially saving hours of work. Head to www.onedrive.com and log in. Find the document in question, right-click it and select 'Version history'. The document will open in a new browser tab, with a sidebar that lets you see earlier saved versions of the file.





ENTERPRISE OneDrive for Business offers many tools and services not included in the home version

ONEDRIVE FOR BUSINESS

Those about to work, we salute you

OneDrive for Business can be seen as a company's files server, but online and accessible from anywhere. This enterprise version of OneDrive is fundamentally different to the consumer edition we've discussed in the rest of this feature, though. Although they're both available under the same OneDrive banner, OneDrive for Business runs on Microsoft's older Sharepoint application framework, first launched in 2001.

This means that if you use OneDrive for Business, you won't be able to use the same username and password to log into a standard OneDrive account. The two services have different development histories and different ways of working.

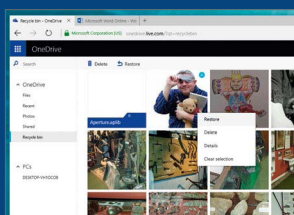
In general use, OneDrive for Business looks and acts just like the consumer version, with integration into Office Online and the desktop Office apps available as part of Office 365. Teams can collaborate on documents, with OneDrive for Business keeping files up to date across computers that aren't necessarily all in the same building or connected to the same network, as long as they're online. There's protection against data loss built in, too.

If you can't connect to the internet, OneDrive for business will sync your documents as soon as you reestablish a net connection.

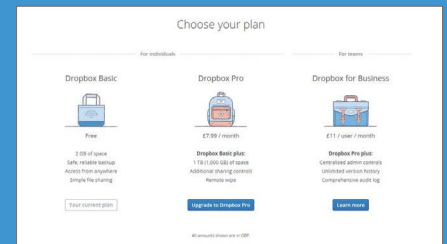
OneDrive for Business is a powerful aspect of the service, which comes with a monthly fee for every user, but offers 1TB of storage for each one.

RECYCLE BIN

If you've deleted something from OneDrive by mistake, head to www.onedrive.com and log in. On the left, near the bottom of the sidebar, you'll see a link to the Recycle Bin, which behaves much like the one on the Windows desktop. Find the file in the list and right-click it, then select 'Restore' from the menu that appears. Your file should now be back in your OneDrive folder.

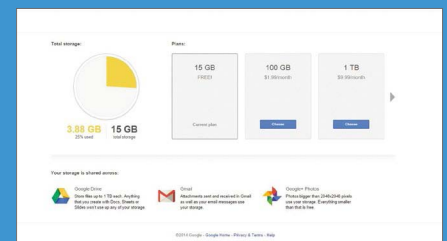


GET FREE SPACE FROM ALTERNATIVE CLOUD SERVICES



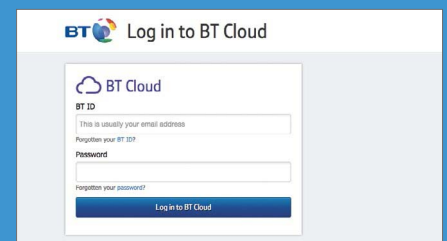
DROPBOX Dropbox is a simple idea: a single folder on your PC that's synced through the cloud

and appears the same on every computer you sign into it on. There's an app for most platforms – including mobile, where your files can be viewed and individually downloaded – but you only get 2GB of space for free. Upgrade options include 1TB of space for £7.99 a month.



GOOGLE DRIVE

Google's cloud service offers 15GB of storage space for free, and is tied in to the Google Docs online office suite that works very much like Office Online. Your storage space is shared across Drive, your Gmail inbox and Google+ photos. Upgrade options span from 100GB for £1.25 a month all the way to 30TB for £190 a month.



BT CLOUD If you're a BT Broadband customer, BT Cloud offers up to 50GB of free space,

depending on your package, as a bonus on top of your monthly broadband payment. BT Cloud works through an app on desktop and mobile devices that lets you decide what it backs up. Set it to watch your Documents folder, and anything that appears there is sent to the cloud.

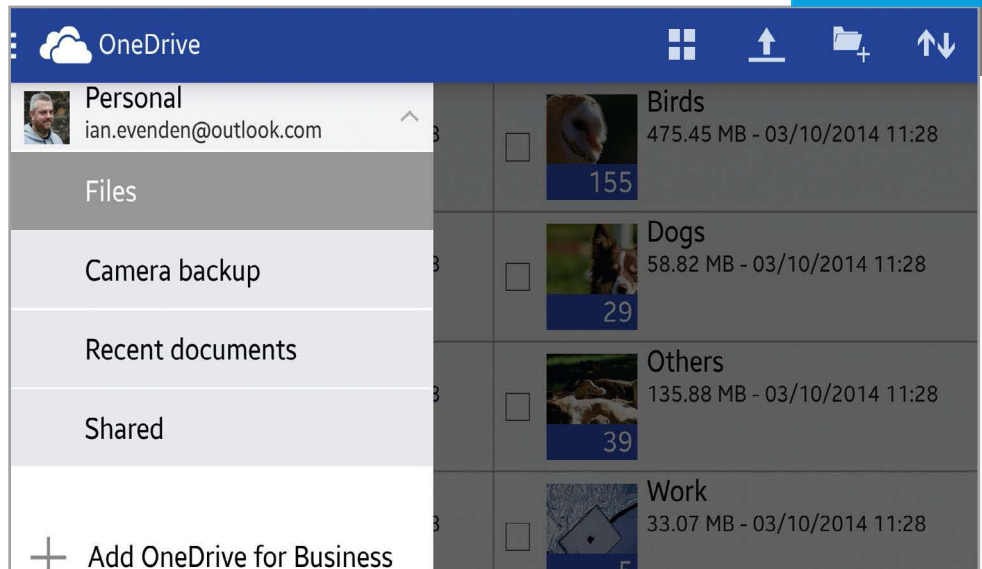
APPS THAT WORK WITH ONEDRIVE

Gigabytes of storage are no good unless you put them to use



OneDrive's integration with other apps is one of its most powerful features. These apps come in two guises: those that use OneDrive as a storage area, allowing your data to appear on every device running the same program, and those that add OneDrive functionality to devices that otherwise wouldn't have it. To get OneDrive on your Android phones and tablets there's an app on Google Play, and Blackberry users will find one on Blackberry World. Windows Phone users can get it from Apps+Games if it's not installed already, and Xbox One gamers can install OneDrive on their consoles. There's even a plugin for the Chrome web browser you can install from the Web Store, but it seems to do little other than launch the OneDrive website.

The website is a useful way of accessing files if you can't install an app on the PC you're using, as you can still upload and download the files you need manually. In this way, OneDrive becomes like a remote USB flash drive, allowing you to copy files and take them to another computer – as long as you're connected to the internet. The mobile apps work in a similar way. Because of the limited storage on mobile devices – 16GB isn't an uncommon capacity, and many don't have a microSD card slot to add more storage – syncing all your OneDrive files to them is impractical



TEAMWORK OneDrive is an excellent counterpart to many other apps on both your Windows PC and mobile devices

and could push up your phone bill if it's using your mobile data connection.

Mobile OneDrive apps display the contents of your OneDrive folders without immediately downloading their contents. You can browse files, choose the ones you need, then save them to your phone, but any changes you make to them will not be saved and synced to your other computers unless you re-upload the file to OneDrive.

OneDrive offers automatic camera roll uploading for mobiles, something it has in common with other cloud services such as Dropbox. This means if you take a snap with your phone it will upload to the cloud, and appear on your PC the next time you switch it on, without you having to connect the devices and copy the file over manually.

OneDrive has some tough terms and conditions of any cloud service. Content placed in OneDrive is monitored, and anything that contravenes the service's code of conduct is subject to removal, and the account that placed it there can face being closed down. Photos on OneDrive are scanned with Microsoft's PhotoDNA tool, also used by Google and Facebook, and subject matter that contravenes the code of conduct includes nudity, and anything related to the purchasing of guns.

The other type of app is aware of OneDrive, and syncs its data through it across devices without you needing to set it manually. There's a small but growing number of apps that support this functionality, including OneNote, 3D image visualisation app Cooliris and Genius Scan +, which uses your phone to scan documents and upload them to the cloud.

These apps often come with a desktop counterpart, so OneDrive integration makes sense as you can view your work on a larger screen, and go on to share or print – perhaps including it into a PowerPoint presentation that will, in turn, be saved back into OneDrive and shared with multiple recipients.

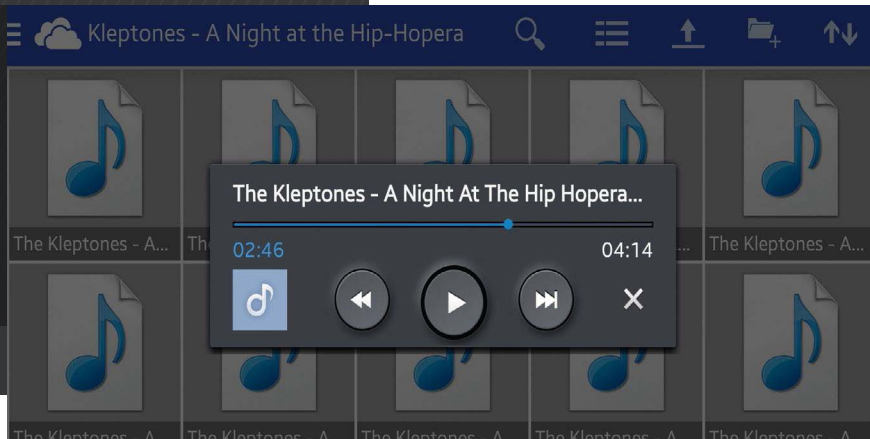
TAKE NOTE OF ONENOTE

OneNote is an app first released by Microsoft 10 years ago, but recently made available for free on many different platforms. In essence it's a notebook, and indeed its saved files – placed in OneDrive – are referred to as such. It may look like a word processor, but OneNote allows you to save pictures, drawings and text anywhere you like on its pages. Just tap or click somewhere and start typing – or write with a stylus or finger.

OneNote comes into its own on tablet computers. Its functionality is built into the Surface Pro 3, where clicking the Surface Pen will allow you to take a note even if the device

has its screen locked. You can have it on your iPad and make a shopping list as you look through your kitchen cupboards that's then synced to your Android phone ready for reading back when you're at the supermarket. Or you can arrange pictures you've taken into the order you want, then view the arrangement on your desktop PC when you get home. Notebooks are also available in a web browser at www.onenote.com

It's a powerful and convenient way to take notes, especially with a touch interface, and the OneDrive syncing means you're never far away from your most recent to-do list.



LISTEN UP You can play music stored in your OneDrive account using the service's mobile apps

MEDIA STREAMING

Listen to the music stored in your OneDrive account wherever you are

While Microsoft, at the time of writing, has yet to announce a music streaming service that includes OneDrive, the functionality is there within its mobile apps.

If you upload your legally acquired MP3s to a folder on OneDrive, taking careful note of the recent changes to the UK's copyright laws, which came into effect in September, and then access the folder from one of OneDrive's mobile apps, you'll find you can play the

files from within the app on iOS, and using the built-in Sound Player app on Android.

Of course, Microsoft has a full streaming music service called Groove Music that you should probably use instead, since it's free for the basic version.

You can also use the OneDrive website to play video files directly from your storage, as long as they're in the MP4, QuickTime movie (.mov) or Apple video (.m4v) format.

MOVE YOUR ONEDRIVE FOLDER

Make Microsoft's cloud storage function around your needs

The default location of your OneDrive folder is in C:/user/name/, but Windows 10 removes the ability to move it to a more convenient location.

In Windows 8.1 you could move the folder by right-clicking the OneDrive folder and selecting 'Properties'. From there click 'Location > Move'. Point the following window to the new location you want, and click 'OK'. The folder is then moved, without having to redownload the files.

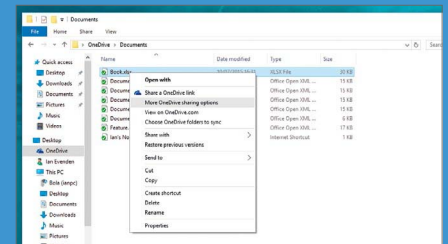
A workaround from the days of Windows 7 and 8 works in 10 though: right click the OneDrive icon in the notification area, select 'Settings' and click on 'Unlink OneDrive'. You'll go through

the same setup procedure you did when you first started using OneDrive, and will have to wait until your files download from the internet into their new location before it's finished. ■



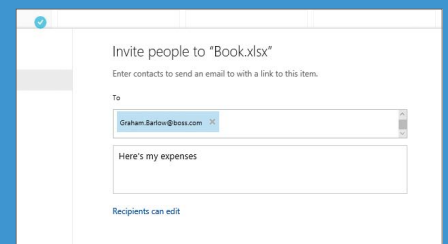
MOVE IT Keep your OneDrive folder wherever you like

SHARE A DOCUMENT FROM ONEDRIVE



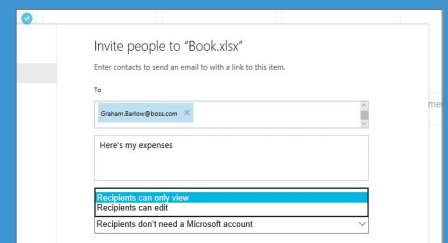
1 CHOOSE TO SHARE

You can share documents and folders directly from OneDrive in Windows 10, and allow recipients to either read or edit them. From the desktop, locate the document you want to share and right-click it, then select 'More OneDrive Sharing Options'. Your web browser will open and load the OneDrive website, so you might need to log in.



2 ADD RECIPIENT

Once logged in, you'll get a screen like this one. If using an operating system older than Windows 8.1, you can share the file from the website and get to the same stage. Enter the email address of the recipient, and type a message in the box if you want. An email with the message and a link to the document will be sent to the recipient.



3 SET PERMISSIONS

There are a couple of further options on the webpage, accessed by clicking the blue 'Recipients can edit' link. Here, you can choose whether your recipient can edit the document or merely read it – editing is useful for collaborating with workmates, but not ideal in every situation. Last is a toggle for whether or not the viewer needs to log in with a Microsoft account.

Meet the...
**Support
Squad**



Support



▶ WINDOWS HELP ▶ HARDWARE FIXES ▶ SOFTWARE SOLUTIONS ▶ INTERNET TIPS



Do you have a PC problem? Get in touch...

Email full details of your problem to the support team and we'll do our best to help windowsmagazine@futurenet.com

Windows **I HAVE A LOCAL USER PROBLEM AFTER MY WINDOWS 10 UPGRADE**

Q I updated my laptop from Windows 7 Home to Windows 10, opting to stick with my current local user account rather than use a Microsoft Account

logon. However, the laptop has two user accounts – my wife's and my own – and when starting, it boots directly to the user who was last logged in. We then log out to select the other user. Is there a way of interrupting this so we can choose who to log in as when booting?

Mike Painter

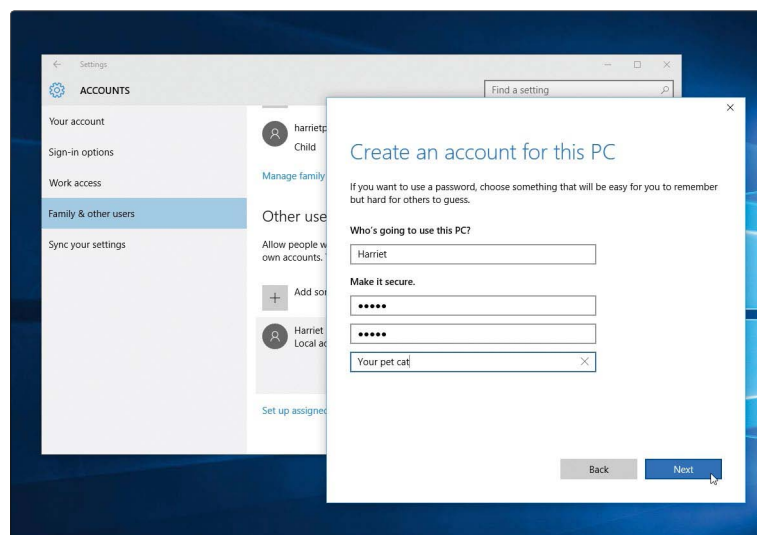


Graham's solution

First off, let me start by saying this definitely isn't normal behaviour.

We instructed Mike to open the hidden User Accounts dialogue box (press [Win]+[R], type **netplwiz** and hit [Enter] to do so), which is where you normally configure Windows to automatically log on as a specified user. Mike discovered the "Users must enter a username and password to use this computer" wasn't ticked, so ticked and rebooted, but it had no effect – the computer still booted straight to his desktop.

Mike subsequently revealed that neither his wife nor he had password-protected their accounts – and that adding passwords to both via the Accounts section of Settings resulted in the problem being solved. Windows 10 now halts at the lock screen on startup, allowing Mike and his wife to select their account before completing the login process.



DESKTOP BOOT
Windows 10 boots straight to the desktop without a password



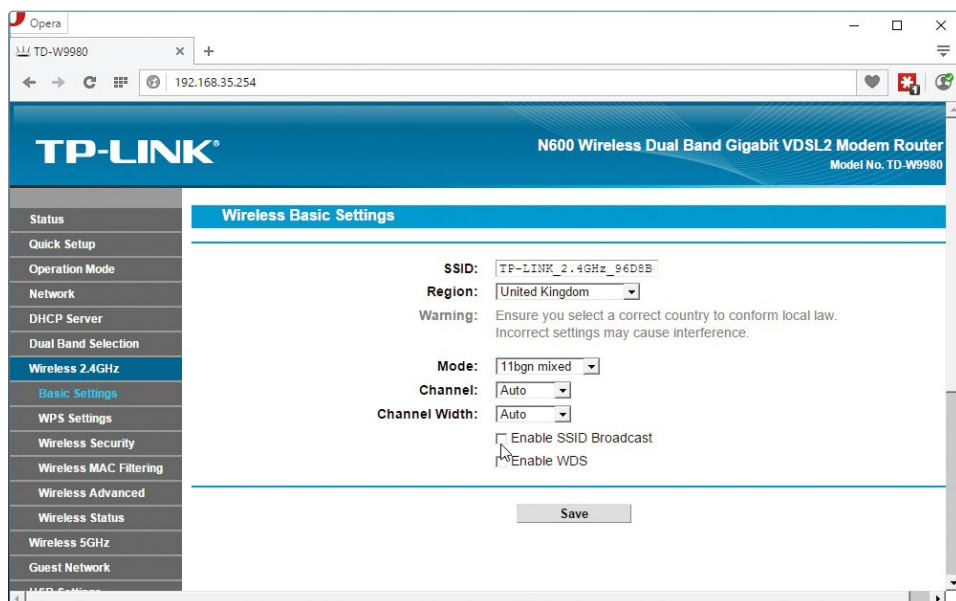
Quickfire questions

I've forgotten how to bookmark web pages quickly in Firefox. Can you help?
Jochum Beld

Press the [Ctrl]+[D] shortcut to bookmark a page (works in most browsers). Use [Ctrl]+[B] to access the Bookmarks sidebar, and [Ctrl]+[Shift]+[D] to bookmark all open tabs.

I believe my laptop contains malware so I plan to use the AVG rescue CD. Will it delete any of my drive partitions?
Peter Claxton

No, the tool should not delete any partitions. Let it scan all your drives and run all available scans and reports to see what it finds.



SECURE WI-FI Use your router's tools to tighten network security

Networking IP CONFLICT CONUNDRUM

Q My wife's laptop will happily use our wireless connection right up until the point when I connect up to it. However, at this point her laptop loses the connection a few minutes after mine is switched on. She receives an onscreen error about IP address conflicts every few minutes, and whatever I do it cannot be resolved until my own laptop shuts down. I would appreciate your help!
John Wallis



Zak's solution

The usual suspect – that both laptops had somehow been assigned the same IP address – didn't apply in this case, particularly as the problem only occurred when John's laptop was switched on. John revealed he had HomeNet Manager installed on his laptop for security purposes, and after uninstalling this discovered that his wife's laptop could now happily coexist with his. HomeNet Manager is no longer developed or supported – John was using it to add another layer of protection to his network. He'd already protected his wireless connection through password-protected encryption, disabling its SSID and filtering MAC addresses, which should provide more than adequate protection. If he wants to scan his network for possible intruders, a tool such as Advanced IP Scanner (www.advanced-ip-scanner.com) should suffice.

Security DRIVERMAX WON'T RUN

Q I'm unable to access DriverMax from either its desktop shortcut or the program file itself. It tells me that Windows cannot find the file, even though it's still present on my PC. I've tried uninstalling and reinstalling to no avail – it also throws up a code 2 error when trying to run a related application, innostp.exe. Can you help?
Jack



Mayank's solution

The problem was confined purely to DriverMax, but when Jack discovered the code 2 error it confirmed our suspicions that some kind of anti-malware was blocking

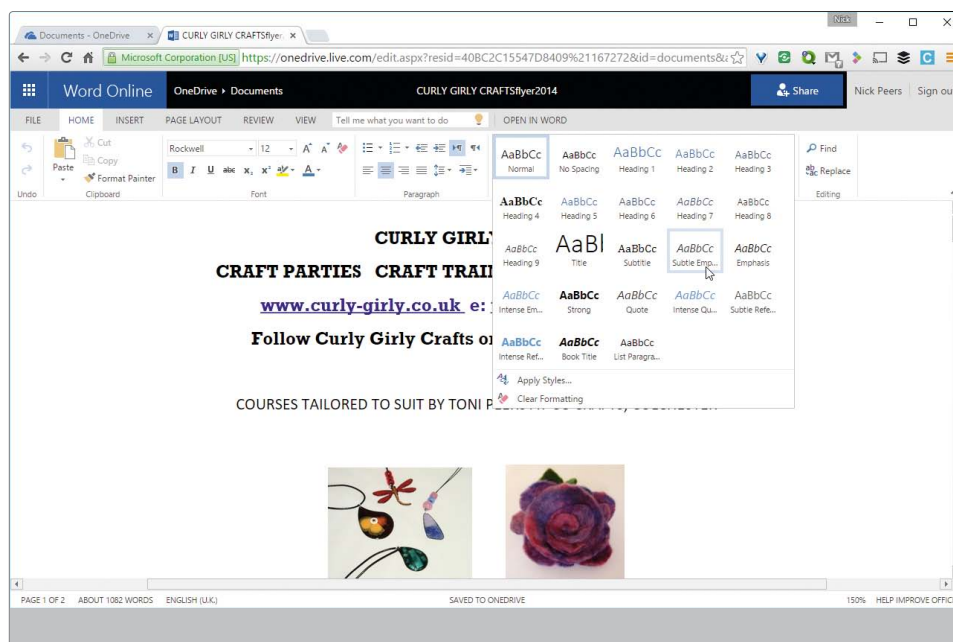
“To scan a network for possible intruders, a tool such as Advanced IP Scanner should suffice”

Jargon buster!

▶ Local User Account

This is a user account whose details are stored exclusively on the host PC, and can only be used to sign into that computer.

POWER BROWSER
 Run Office apps directly in your web browser



Quickfire questions

How do I stop an 'Upload failed' message in Office 365 that requires me to click a button to sign in to sync certain files?

Theresa Higgins

Right-click the OneDrive icon in the Taskbar and choose 'Settings'. Untick 'Use Office to sync files faster and work on files with other people at the same time'. Click 'OK' to resolve this and similar errors.

Since upgrading to Windows 10, Office 2003 won't open files on a double-click. How can I resolve this?

Les Higgins

Office 2003 is not officially compatible with Windows 10, so if the known workarounds for resolving the double-click issue no longer work, you'll need to switch to a different suite or upgrade to Office 2007 or later.

I've been sent a file without a file extension by a friend. Is there some way I can find out what type of file it is?

Diane Twist

A free app called NTInfo (<http://ntinfo.biz/>) can detect over 200 file types – once you have the file extension, append it to the end of the file and it should now open correctly.

the execution of DriverMax without removing its files. DriverMax ships with OpenCandy, a form of potentially unwanted software, so it's likely this is why the program's flagged as dubious and is being blocked. Rather than try to resolve the problem, Jack decided to ditch DriverMax and use a different driver updater instead. We're actually not fans of these driver update tools, particularly when keeping your PC updated on a day-to-day basis. They can be useful when trying to track down drivers for troublesome hardware – perhaps you're looking for an update that can fix a problem or can't find compatible drivers for an older piece of kit, but you're better off relying on Windows Update or the driver manufacturer yourself.

Internet INTERNET IGNORANT

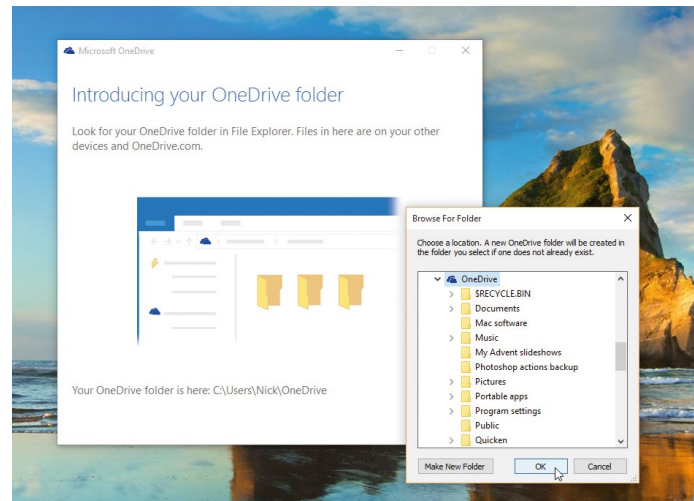
Q Can you advise me on what applications I need – other than a browser – for using the internet? This subject always gets overlooked when you instruct us on how to reinstall Windows.

George Blakemore



Zak's solution

These days, your web browser has gained more and more features that make it a one-stop shop for the vast majority of internet-related activities, from email and social networking to running full-blown applications in a browser window. Nevertheless, you may prefer to keep certain tasks separate, so first consider installing a separate email client, such as Windows Live Mail (essentials.live.com), Thunderbird (getthunderbird.com) or Opera Mail (opera.com/mail). Also consider Skype (skype.com) for staying in touch with friends and family via



MOVE FOLDER
Unlink OneDrive to transfer it to your preferred location

chat, voice and video calls, and use a third-party password manager such as LastPass (lastpass.com) to keep your online passwords secure.

Apps NO ROOM TO INSTALL

Q Could you tell me if it's possible to force Windows to install all programs onto my D drive instead of my Windows partition?

Ben Drew



Graham's solution

Ordinarily we wouldn't recommend this – but the best place for your program files is the Windows partition. Ben had a good reason for wanting to install programs on his D drive though: his PC had come with Windows installed on a 30GB solid-state hard drive, and he didn't have the space to install the flight simulators that he enjoyed playing. While he'd been able to manually change the installation directory for some programs so they resided on his 1TB data drive, he was unable to do the same for Real Environment

RESOLVE SOUND ISSUES

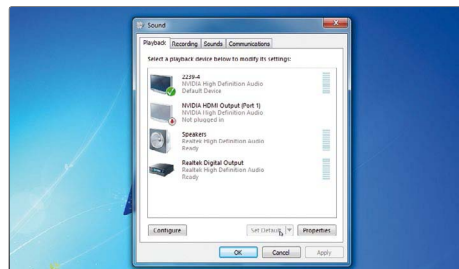
Q I tried updating my sound driver using a third-party program and it failed, leaving me with no sound. Can you help please?

Jim Duncan

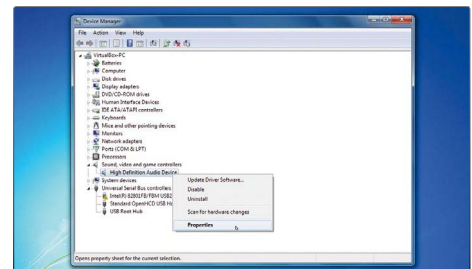


Cat's solution

There are a number of different steps you can take to resolve this problem – start by right-clicking the volume icon in the taskbar and choosing 'Troubleshoot sound problems' to see if Windows and detect and fix the problem for you. If not, read on.



1 Check playback device
Check the volume control in the Taskbar. If it's marked with a red cross, right-click it and choose 'Playback Devices'. Make sure your speakers are the default device (select them and click 'Set Default' if they're not).



2 Open Device Manager
If problems occur after a botched upgrade, press [Win]+[R], type `devmgmt` and press [Enter] to access Device Manager. Look for the 'Sound, video and game controllers' section. Expand it, then double-click your sound device.

Xtreme 2 for Microsoft Flight Simulator. In Ben's case, it turned out the problem wasn't with the program refusing to install to drive D, it was the fact it required 25GB free space during installation for the temporary files, which were being unpacked to the temporary folders on drive C.

The solution is to move these folders to drive D: open System Properties by pressing [Win]+[Pause/Break] keys together. Select Advanced system settings, then click the 'Environment Variables' button. Select 'TEMP' and 'TMP' in turn, click 'Edit' and then type D:\TEMP and D:\TMP for each entry respectively. Click 'OK' twice, create both folders on your D drive (Temp may already be present) and you should be able to install the program with no further problems.

Microsoft OneDrive
MOVE ONEDRIVE FOLDER

Q I keep my OneDrive folder on a separate data partition. Recently I reset Windows 10 to fix some problems, but now OneDrive is trying to use a folder on my main Windows drive. How can I instruct it to use my data partition instead?

Val Davies



Nick O's solution

Right-click the OneDrive icon in the Taskbar Notification area and choose 'Settings'. From the 'Settings' tab, click the 'Unlink OneDrive' button to reset OneDrive and launch the startup wizard. Sign in with your Microsoft Account and then you'll be prompted to select where to store your OneDrive folder. Click the 'Change link' and select your existing OneDrive folder from the list – don't worry about the warning

about files already being present. Once selected, choose what to sync and let OneDrive get everything back to working order again.

Windows
WINDOWS UPDATE ISSUES BEFORE UPGRADE

Q I reserved my free upgrade to Windows 10 three weeks before it was released, but have since had over 60 notifications in Windows Update that the upgrade has failed. When is this going to be sorted out? I'm a very disgruntled Windows user right now!
Philip Caddick



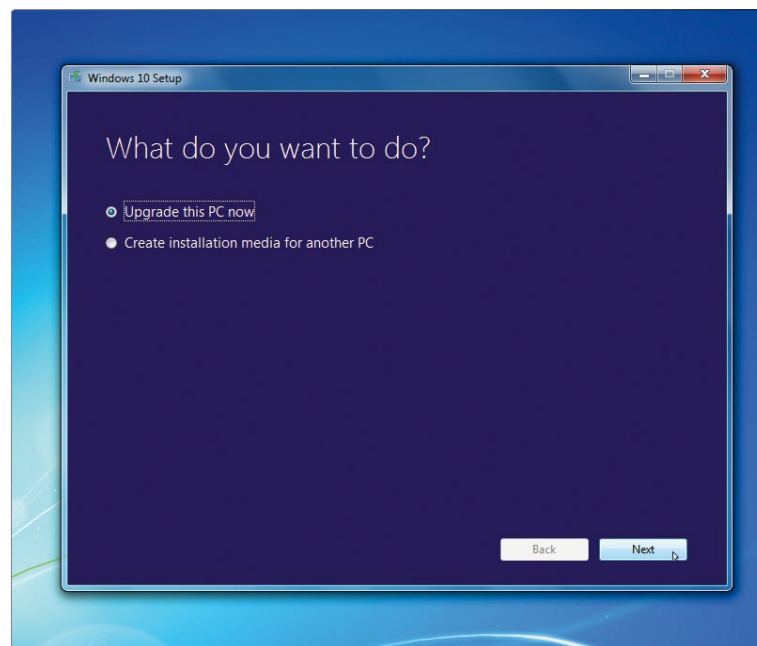
Matt's solution

When we replied Philip revealed Windows had finally started downloading through Windows Update, but was stuck at 'Checking requirements'. We advised him to cancel the process by restarting his PC and then upgrade manually using the Windows 10 Media Creation tool, from www.microsoft.com/en-gb/software-download/windows10. On doing this, Philip was able to report success. If you're still waiting for your Windows 10 upgrade to occur, try this route instead – and don't forget to back up first!



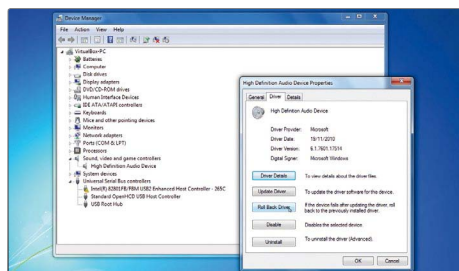
Do you have a PC problem? Get in touch...

Email full details of your problem to the support team and we'll do our best to help: windowsmagazine@futurenet.com Or write to the support team and we'll do our best to help: **Support Squad, Windows Help & Advice magazine, Future Publishing Ltd, Quay House, The Ambury, Bath BA1 1AU**

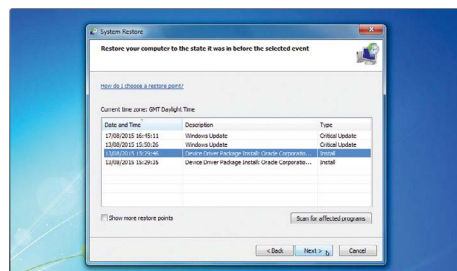


FORCE UPGRADE
Use the Windows Media Creation Tool to update to Windows 10

“Ordinarily we wouldn't recommend this – but the best place for your program files is the Windows partition”



3 Roll back driver
If no fixable problems are listed under 'Device status', switch to the Driver tab. If the 'Roll Back Driver' button isn't greyed out, click the button and follow the prompts to reinstall the previous working driver.



4 Use System Restore
If this fails, press [Win]+[Pause/Break] to open System Properties and click 'System Protection' followed by 'System Restore...' Choose the latest available Restore point taken before you upgraded the driver.

Jargon buster!

► **SSID (Service Set Identifier)**
This is the name of your Wi-Fi network. It helps identify it to networked devices that wish to connect to it wirelessly. To authorise an app with Twitter, the service generates a long string of numbers that you need to copy and paste into TweetMyPC. This makes sure that only you have access to your Twitter account.

WINDOWS 10 BEYOND THE MANUAL

180
PAGES OF TIPS,
TRICKS AND
TUTORIALS

YOUR DEFINITIVE REFERENCE
GUIDE TO MICROSOFT'S NEW
OPERATING SYSTEM



EVERY NEW FEATURE EXPLAINED!

- FULL INSTALLATION GUIDE
- MASTER THE NEW TABLET MODE
- DISCOVER VIRTUAL DESKTOPS

FREE

Digital version
with this
book!



Available at all good newsagents or visit

www.myfavouritemagazines.co.uk/computer



Upgrade

▶ NEW HARDWARE ▶ ESSENTIAL ACCESSORIES ▶ LATEST GAMES

Welcome



Here at *Windows Help & Advice* we have several offices – our main headquarters in

the beautiful city of Bath, as well as our home offices, too. Therefore, it's essential we have the right hardware to get the job done. The Epson Workforce with its refillable ink cartridges is shaping up to be a promising addition at home, while Samsung's latest 4TB portable hard drive is ideal for keeping back-ups and magazine archives safe.

But it's not all work, we've been having plenty of fun with the GoPro HERO4 Session, too – turn to page 90 to find out why. Until next time!

Nick Odantzis deputy editor
nick.odantzis@futurenet.com

This issue's highlights



80 Epson Workforce ET-4550
The printer that breaks the mould by offering all the ink you need



82 Samsung M3 Portable 4GB
A record-breaking hard drive that's a must-buy for reliable back-up storage



84 Lenovo ThinkPad Yoga 15
A powerful laptop with one sturdy design and many different positions



86 GoPro HERO4 Session
Create great-quality video footage wherever your adventures carry you

88 Mini Test Compact system cameras

Our promise to you...

The Upgrade section is your key to finding out about the latest products, all designed to help you get more from your PC

You can trust our reviews

✔ Our reviewers are 100 per cent independent, with years of experience in the world of computing. Our rigorous testing procedures mean that only genuine, high-quality products are awarded high star ratings. If you see an item of hardware bearing a high score, you can be confident that it is an excellent product.

We choose the best products

✔ Thousands of new PC products are released every year and choosing between them can be an impossible task. Our experts select only the best hardware and software to feature in this magazine. Even better, our star rating system makes it simple to find the best products, giving you a fast, trustworthy guide.

How we review

✔ Our expert reviewers guarantee to test every piece of hardware rigorously and thoroughly, using only acknowledged experts to establish the worth of a product. We always review from the viewpoint of our readers; the day-to-day practicality and quality of a product is paramount.

RATING EXPLAINED ★★★★★ Superb ★★★★★☆ Very good ★★★★★ Good ★★★★★ Disappointing ★★★★★ Poor



Epson Workforce ET-4550

£130 | \$200 www.epson.com

More ink than you'll probably ever need

There are plenty of affordable, easy-to-use home and small-office inkjet printers on the market. And usually they tend to stand out from competitors based on print speed and quality. However, a new contender has emerged that provides a unique value proposition. And that is tons and tons of cheap ink.

The Epson WorkForce ET-4550 is a member of the new Epson EcoTank line of printers. Each of the new machines come with a compartment designed to house dramatically more ink than your standard colour printer.

Compared to similar Epson all-in-ones, each of the five new EcoTank models are capable of storing the equivalent of up to 20 previous-generation ink cartridges. That equates to at least two years of ink, or 11,000 black pages or 8,500 colour pages.

The ET-4550 is a workhorse printer that produces moderately fast prints with little to no image complexity or colour accuracy. But at least it will print and print and

print without you always having to think about when to replace the ink.

Design

The ET-4550 is composed of a matte black plastic that won't collect fingerprint smudges or dust very easily. The printer features several compartments, including an upper tray, a scanning bed that holds up to an 8.5 x 14-inch sheet, a collapsible front-facing output tray that holds up to 150 A4 pages, and a tray that can hold up to 20 envelopes and other small form-factor pages.

To the right of the extensive 5.6cm mono graphics display is a series of buttons, including a number pad, a direction pad and a start button for both black and colour prints. On the far right-hand side of the unit is the bulky compartment where the ink is held. On a typical printer, your ink cartridges are housed within the body of the unit. With the ET-4550 Epson chose function over form by adding a three-inch-wide, four-compartment container to

the right-hand side of the unit, into which black, cyan, magenta and yellow ink bottles are poured.

The added three inches gives the unit an unorthodox look and feel. Most printers of this class have boxy designs that are intended to be overlooked. The ET-4550 stands out, and not in a good way, because of the jutting ink container.

That said, this shouldn't be a deal breaker for anyone. After all, you're getting a ton of ink with your purchase. However, if maximum desk space is important, or you like to have a stylish environment, this extra compartment is an eyesore.

When you unbox the ET-4550 you'll remember why you bought it in the first place. It comes with four bottles of ink, three colour bottles and one massive bottle of black ink. Although the bottles don't specify how much liquid is contained within, it's approximately 200ml of black ink and 100ml for the colours.

Either way, Epson claims this is enough to keep you printing for

KEY FEATURES

Epson Workforce ET-4550

Print speed 13 black ipm, 5 color ipm
Print resolution 4,800 x 1,200 dpi
Paper sizes Up to 8.5 x 47.2-inch
Paper capacity 150 sheets
Dimensions 250x35x24cm
Weight 7.2kg



more than two years. A new set of bottles will only cost £30.

However, be careful when emptying the bottles into the compartments. They leak and spill easily. Epson provides you with gloves for this dirty work, and you'll need them. Once your printer is full of ink, getting the ET-4450 to work is fairly straightforward, but it is a lengthy process, as it needs a 20-minute ink calibration.

In addition to the calibration process, you're walked through

“When you first unbox this printer you'll quickly remember why you bought it in the first place”

several quick steps, such as connecting to Wi-Fi and changing your time zone, all of which are simple, thanks to Epson's setup process and button navigation.

Specs and performance

The ET-4550 measures 250 x 35 x 24cm and is just 7.2kg. As for performance, manufacturer-provided specs can be quite deceiving. Despite claiming print speeds of 13 black pages per minute and five colour pages per minute, we were only able to print five Word documents in black and white in 60 seconds. It failed to print even one colour image in under a minute, and took two minutes to produce a colour photo on plain paper.

These speeds are pretty slack, especially for a workforce printer. You can accept 13 black images per minute if the image quality was top-notch, like the Canon Pixma MG7520. But with a top resolution of 4,800 x 1,200 dpi, the ET-4550 needs to be much, much faster than it is.

To provide some context: the Canon Pixma MG7520 produces 12 black images per minute. The Canon Maxify MB5320 gets you up to 23 images per minute, and the Epson Workforce Pro WF-4630 can

get you 20. The ET-4550 gets dusted by all of these devices.

You can adjust your PCs settings to produce lower quality prints at faster speeds.

Small business owners should be wary of these below-par speeds. Imagine having to print a 10-page PowerPoint presentation, and then standing at the printer for 20 minutes waiting for the document to emerge? The prints don't come out badly, though. The blacks are bold and the bright colours pop. However, there isn't much contrast here; your darks fade into one another and the detail output isn't complex. If you need a printer for company memos and homework assignments, then this is all you

really need. But if you're trying to print photos of your daughter's birthday party, or if you need to run off a ton of copies quickly, look elsewhere.

Features

Let's be honest, you won't be interested in this printer for its speed or quality. You want a ton of ink and you want to get that ink cheaply. Well, you've succeeded. With the ET-4550, you're getting 8,500 colour prints for about £35.

Also, the printer works with Epson Connect print and share technology, which enables you to access the device from mobile phones and tablets. It also works with Google Cloud printing, Mopria, Kindle Fire Print and Apple AirPrint, so you'll never be left in a lurch.

We often hope for the day when we'll never have to load another ink cartridge into a printer. At 11,000 pages per bottle, Epson has come closer to this dream than

If your main concern is keeping costs down, this might be the ideal printer for you.

Windows
Help & Advice
Verdict





Samsung M3 Portable 4TB

£150 | \$230 www.samsung.com

Meet a record-breaking hard disk drive. . .

While most recent storage breakthroughs have mostly involved SSDs and non-mechanical technologies, hard disk drives still hold most of the world's data. Also, for the majority of us, they are the only financially viable option for bulk, mass storage beyond the terabyte mark.

The 4TB Samsung M3 Portable otherwise known as the HX-M401TCB/G was launched a couple of months ago, and it's the perfect example of how far spinning, traditional hard disk drives have moved over the past 10 years.

It took 2.5-inch models a mere three years to catch up with their bigger 3.5-inch cousins and while the capacity of the latter only doubled over that period, that of the smaller devices has quadrupled since 2011.

Storage density

Managing to cram 4TB into such a small volume means another thing

– the Samsung M3 Portable offers by far the highest storage density of any hard disk drive on the market. The drive measures 82x118.2x19.85mm, which translates into a volume of 192 cubic centimetres and a storage density of just under 21GB per cm³.

Samsung Storage, which was purchased by Seagate a few years ago, managed to offer such a storage capacity by squeezing five 800GB platters into the drive.

While we didn't manage to pry open the device's case, the drive used appears to be a Momentus one from Seagate, the ST4000LM016 (AKA Spinpoint M10P), a model that doesn't even appear on the HDD maker's website. CrystalDiskInfo states that it has 16MB cache and a rotational speed of 5400RPM.

What it didn't highlight was the fact it is one of the first, if not *the* first 2.5-inch SMR hard drive on the market. SMR or Shingled Magnetic

Recording is a storage technology that allows more data to be crammed on a platter in a way that's similar to shingles on a roof (hence the name).

Its biggest flaw though is the fact it is much slower than traditional hard disk drives when having to deal with random writes for small files – one solution would obviously be to compress them into one big one to accelerate the file transfer.

On the outside, the drive is similar to many of its competitors. It sits comfortably in the palm of a hand, has an indicator LED, a flat USB 3.0 connector, but there's no power button. The Samsung logo adorns the top fascia, which itself sports what the manufacturer calls a durable black design.

Performance

The drive comes with a three-year warranty as well as a number of bundled applications, the main

KEY FEATURES

Samsung M3 Portable 4TB

Supplier Samsung

Operating system Windows 8/7/Vista, Mac OS X 10.4.8 or later

Performance specification SuperSpeed USB 3.0 (Max) 4.8Gb/s

Storage 4TB

Software AutoBackup personal backup solution, Secure Drive for worry-free data security, SecretZone™ can encrypt data on the device

Weight 236g

Size 82x118.2x19.85mm



one being Samsung Drive Manager, which comprises AutoBackup – a backup solution, unsurprisingly – SecretZone, a data protection solution, Secure Manager, a secure external HD management solution and Samsung's External HD management tools.

affordable, and relatively fast despite using SMR, plus it has enough storage capacity to fit a billion songs (or MP3 tracks). We couldn't fault its design and it comes with an adequate software package. In fact, there's hardly anything to dislike about this drive. Once you understand

“The Samsung M3 Portable 4TB is a fantastic product despite its slightly boring appearance”

It was one of the better performers on PCMark 8 in recent memory and easily the best 5400PM portable drive we've seen for a long time, its score of 2139 being fractionally higher than that of the 3TB Toshiba Canvio.

This drive is surprisingly affordable, managing to offer one of the cheapest cost per TB of this category. The Samsung M3 Portable is a flagship device that is

the way SMR works, you can't really criticise the poor performance for random writes.

Final verdict

The Samsung M3 Portable is a fantastic product despite its slightly boring appearance. Seagate has keenly priced this SMR-capable drive and its sheer value for money should make it popular among those craving

for storage. Seagate's own Backup Plus 4TB USB 3.0 drive might be its only real competitor. Since they probably share the same drive, it is likely that they will perform similarly. That drive is slightly more expensive but comes with a useful Mobile Backup App and two years' subscription to OneDrive cloud-based storage with 200GB. That's worth £4 a month or £96 over the duration of the subscription.

Note that this drive is also available as the P3 Portable with a slightly different form factor. This sample was provided by Samsung and as always (and especially with drives of this capacity), we would strongly urge you to back up your hard disk drive. ■

This drive is a must-buy if you're looking for a reliable storage device for files and backups.

 **Windows**
Help & Advice
Verdict





Lenovo ThinkPad Yoga 15

£629 | \$929 www.lenovo.com

A powerful laptop with one sturdy design and many different positions

Lenovo, the pioneer of the convertible space, has sought to change the way you work with its ThinkPad Yoga machines. And that's regardless of whether you're after a home-use laptop, or if you're a business user who has previously had very few convertible options to choose from.

What you'll love about the ThinkPad Yoga 15 is that it is capable of shifting between Laptop, Stand, Tablet and Tent modes, while switching your system settings and locking your keyboard when necessary.

This means your screen can flip 360 degrees from closed to Tablet mode, and your hardware keyboard will deactivate in this mode so you don't accidentally disrupt your navigation or content consumption.

Unfortunately, there aren't many cases for a 2.3kg tablet. Although the laptop is thin, at just 21mm, its bulk makes it somewhat clumsy when trying to flip the screen back

and over. This isn't an issue if the notebook is sitting on a desk, but if you're standing, or using the laptop on your lap, you'll wish you had a smaller 11- or 13-inch device.

The two metal hinges connecting the display to the ThinkPad Yoga 15's base are incredibly sturdy. However, because the upper panel weighs so much, when you try to put the laptop in Tent or Display mode, the hinges give just a bit.

The laptop is built with a black magnesium-alloy frame and a plastic vent-heavy bottom plate. The top plate feels sturdy and is extremely resistant to scratches and dust. After more than a week of transporting the device around, the device didn't get a single scratch.

The bottom of the laptop is less sturdy than the lid, but the plastic bottom does serve a purpose though: after more than several hours of use, we didn't feel any heat emanating from the unit.

The 15.6-inch, Full HD (FHD) – that's 1,920 x 1,080 pixels – 10-point multitouch display is vibrant. Colors are bright and detailed, and the added width and height will ensure that you don't regret going with a smaller model. Although navigating a 15.6-inch touchscreen can be burdensome at times, the DragonTrail display was super-responsive and accurate.

The spill-resistant keyboard sports Lenovo's signature AccuType curved keys, also the clickpad is the perfect size, and incredibly smooth. The added number pad, which can't be found on smaller ThinkPad Yoga units, is a coup for business users who are forced to input heavy amounts of data throughout the day.

Power trip

We found the 2.2GHz to be speedy enough to get us through a few days of work (and plenty of Netflix bingeing). However, the



KEY FEATURES

ThinkPad Yoga 15

Manufacturer Lenovo
Operating system Windows 8.1 64
Processor Intel Core i5-5300U (dual-core, 2.20GHz, 3.0MB cache, up to 2.9GHz with Turbo Boost)
Storage 150GB SSD OPAL2
RAM 8GB
Graphics Intel HD Graphics 5500
Ports 2 USB 3.0, 1 USB 2.0, HDMI, 4-in-1 card reader (MMC, SD, SDHC, SDXC)
Connectivity: Intel Dual-Band Wireless – AC WLAN + Bluetooth 4.0
Weight 2.3kg
Size 15.07 x 0.82 x 10.07 inches
Screen size 1,920 x 1,080, 10-point multi-touch display
Camera HD 720p

machine did sputter when we ran several benchmarks.

The 8GB of RAM and 150GB of storage we have on the review unit isn't going to wow anyone, but the device can be compromised a bit to reduce the RAM to 4GB in order to cram in 500GB of storage.

You've got all the ports you'll need to get you through a workday. The absence of an Ethernet port is annoying, but we have to accept adapters and docking stations are the norm these days.

Although the Yoga doesn't pack as much power as other similar machines, it's got a much newer

comparison with the Envy 360 and the MacBook Pro. The ThinkPad Yoga demolished the Envy in the 3DMark graphics test, with a Fire Strike score of 1,448, compared to the Envy's 504 points.

In the PCMark 8 test, the ThinkPad finished with an impressive speed that merited 2,357 points, which is comparable to the Envy, which scored a slightly lower 2,322.

Battery life is where the ThinkPad gets to flex its muscle against the Envy. The latter only scored 3 hours and 53 minutes in the PCMark 8 battery test, whereas the Yoga 15

"You'll receive a processor on par with the MacBook Pro, but you'll spend considerably less money on it"

and better chipset than the Envy, for instance, which is still powered by Intel's previous generation Core i5 processor.

If you upgrade to the highest level ThinkPad Yoga 15, you will receive a processor that is on par with the MacBook Pro, but you'll spend considerably less than you will with Apple. However, the MacBook Pro has a much higher resolution screen that is much more suitable for graphic designers, videographers and photographers.

In our suite of benchmarks, the ThinkPad Yoga 15 proved itself worthy of any head-to-head

made it to 5 hours and 7 minutes. In real-life testing, the Yoga 15's battery lasted for 9 hours and 35 minutes of video playback with the screen brightness and the volume set to 50%.

Compared to the MacBook Pro, which scored a whopping 310 points, the Yoga scored a slightly lower 251 points in the CineBench CPU test, which measures the processor's hyperthreading performance through image rendering. Unfortunately for the Yoga, the MacBook was able to stay powered for 12 hours and 4 minutes on a similar video test, a difference of almost three hours.

Our verdict

If you like large laptops and don't mind some extra weight, there's not much to dislike about the Lenovo ThinkPad Yoga 15. It features a stellar 9.5 hours of battery life, to start.

The laptop's also packing a pretty FHD screen that's housed in a gorgeous and durable magnesium alloy chassis. It packs enough ports to get you any connection you might need. And finally, this notebook's performance is on par with similar devices in this class.

Unfortunately, a 2.3kg laptop is essentially a portable desktop. You won't want to drag this device around, and even if you do, you likely won't use it in Tent or Display mode because of how clunky it is.

Lenovo packed this machine with a gorgeous screen, a solid trackpad and a good selection of ports. If you don't mind a few extra pounds, then it's ideal for the business user who seldom needs portability, but enjoys having the option. ■

The Lenovo ThinkPad Yoga 15 is a dynamite device that is capable of being many different things.

 **Windows**
Help & Advice
Verdict





GoPro HERO4 Session

£270 | \$399 www.gopro.com

It's hip to be cubed

The square box style has become popular for action cameras, and with the HERO4 Session, GoPro is the latest to launch a camera in this style. The design is 50 percent smaller and 40 percent lighter than previous HERO4 cameras. It also includes other improvements, such as being waterproof to 10m without housing, and there's a one-button operation to make capturing the action easier than ever.

There's little to fault with the design of the Session. The small size of the camera, encased within a skeleton frame, makes mounting and positioning it easier than ever. The camera can be rotated within the frame to the correct orientation and this, coupled with the auto orientation feature, ensures your footage is always the right way up.

A quick press of the shutter button powers on the camera and begins shooting video; press and hold the button and it starts

capturing time-lapse sequences. A second press of the shutter button stops recording. The GoPro app is required to access other shooting modes, and to adjust settings.

On the back of the camera is a button which, when pressed, displays settings and status information on the LCD next to the shutter button. The back button also activates the Wi-Fi function and tags footage, depending on the camera's status. On the side of the camera is a pop-out flap that gives access to the MicroSD slot, and a Micro USB port for charging the built-in battery.

The Session needs to be placed inside the included frame in order to be mounted; a pressure lever holds the camera firm. At the base of the frame is the standard GoPro mount, which is compatible with the majority of GoPro accessories. This frame and the new ball joint buckle also enable low-profile mounting, a welcome innovation

compared with the more traditional GoPro accessory mounts.

Wi-Fi and app

You need to pair the camera with your iOS or Android device and use the GoPro app to access the full range of shooting modes and settings. Wi-Fi set-up and pairing is straightforward, and the app gives you access to a variety of options and modes – you can adjust the resolution, frame rate and camera modes, and remotely operate the camera and live view.

There's a good choice of quality settings, including 1440p at 30fps, 1080p at 60fps and 720p at 100fps. There are plenty more frame rate options, as well as a choice of NTSC or PAL formats. All video is recorded in H.264 codec in the .mp4 file format, making it compatible with most editing applications, as well as with the excellent GoPro Studio. Video buffs can also make use of the ProTune

KEY FEATURES

GoPro Hero4 Session

Video resolution 1440p, 1080p, 1080p SuperView, 960p, 720p, 720p SuperView, WVGA

Photo resolution 8MP, 5MP

Video format H.264 codec, .mp4 file format

Audio Format 32kHz sampling rate, AAC compression

Internal mic Mono x 2

External mic Not supported

Storage microSD memory card with at least a Class 10 or UHS-I rating required; up to 64GB capacity supported

Ports Micro USB, microSD memory card

Battery Rechargeable lithium-ion battery, rated at 1000mAh, 3.8V, 3.23Wh, integrated with camera

Weight 74g



settings, which give control over sensitivity and sharpness.

Adjusting settings via the GoPro app is quick and intuitive, and you can check settings by switching to the remote control feature. The app also features live view, so you can check composition and exposure, and adjust settings as needed.

The interface features a start/stop record button, and additional icons enable you to change modes quickly. The app also enables you to play back footage, and upload direct to the GoPro community.

GoPro cameras have become known for their high video quality, and the Session is no exception.

“It’s waterproof to 10m, and a one-button operation makes capturing the action easier than ever”

Once connected to the app, the camera gives you a good selection of resolutions to choose from, and while these might not be the headline-catching 4K’s of the HERO4 Black, they will enable you to edit and view your footage smoothly on a home computer.

The visual quality of the footage is excellent, with bright punchy colours and sharp detail. The lens gives the standard fisheye perspective, and looking at the footage there are no pronounced signs of detail becoming soft toward the edges, or signs of chromatic aberration.

Colours are reproduced well and the footage has a bright, clean look. Exposure is well controlled in good

lighting conditions, and the Session copes well when moving from shade to bright, adjusting the exposure quickly and smoothly. The quality of the live view stream via the app is good, although it is necessarily dependent on the strength of the Wi-Fi signal. In good conditions the stream is smooth, with less than a second’s delay between the action happening and it appearing on screen.

In tests, we found that the range was limited to around 10 metres, which is adequate – with action cameras, live view is generally a tool for checking composition, rather than for remote recording.

One issue we encountered when using the Session was the length of time between the record button being pressed and the start of recording – this could be in excess of five seconds, and it turned out to be an issue with the MicroSD card.

After a little experimentation, we found cards from Lexar or SanDisk, meant the delay between hitting the shutter button and the start of recording dropped to just over two seconds.

Even though the Session is 50% smaller than the HERO4 Black, it still manages to compare favourably when it comes to battery life. In our tests, with Wi-Fi switched off and shooting 1080p at 60fps, the camera comfortably captured an

hour and a half of video. The GoPro HERO4 Session builds on the success of the HERO series. Its small size, and the ability to use the frame and ball-joint bracket to enable low-profile mounting, will appeal to extreme sports enthusiasts. The simple one-button operation is a nice touch, and the small screen showing that video recording has started might be simple, but it’s also reassuring.

As with the rest of the HERO range video quality is good, and the GoPro app gives you plenty of control over settings.

Final verdict

GoPro is dominant in the action-camera market, and with the launch of the Session it shows they will innovate to stay ahead.

The Session’s size, design and simple operation make it an ideal choice for those who want to capture the action with minimum of fuss. However, it’s that simplicity that limits your ability to change settings without the mobile app, and the price makes it hard to justify when compared to the competition. ■

The design makes for easier mounting and operation, and video quality is as good as ever.



POCKET PROS

Professional pictures, solid build, smaller proportions – it's time to invest in a compact system camera

The best camera is always the one you have with you. So while that's made smartphones an obvious choice, anyone looking for a dedicated camera with a larger sensor and better light-gathering ability should step up to a compact system camera (CSC).

Essential features to look out for are compatibility with a wide range of lenses, as well as the largest possible sensor size – full frame, APS-C, Four Thirds or one-inch. Other features might include an electronic viewfinder and/or a tilting touchscreen LCD, while a growing number of models are becoming as adept at shooting video as they are at taking photos. Here's our top six.



1 Panasonic LUMIX DMC-GF7

£429.99 (with 12-32mm lens)
panasonic.co.uk

Narrowing the gap between the output quality of a compact and a digital SLR, the 16MP GF7 incorporates a 17.3 x 13mm Four Thirds sensor. Video is Full HD. There's a 180-degree tilting touchscreen display, but no viewfinder. A 240fps AF drive and a 12-32mm lens ensure response times are quick, and the GF7 produces sharp, colourful images. It offers remote operation via your smartphone, too, with the relevant app.



2 Fujifilm X-T10

From £499 (body only) fujifilm.co.uk

The 16.3MP X-T10 spoils us with a 2.36-million-dot electronic viewfinder and a big APS-C sensor. It's built to last, with die-cast magnesium top and base plates, plus three aluminium control dials. Manual control is a treat, but flick the auto-mode lever for simple point-and-shoot operation. The 49-point AF mode delivers high-speed, supremely sharp and accurate focusing with naturalistic colours, while action shots benefit from 8fps burst shooting. We like the three-inch, 920K-dot-resolution tilting monitor, with pop-up flash. Add an 18-55mm standard zoom for £300.



3 Sony A7 II

£1,500 (body only) sony.co.uk

The A7 II shows semi-pro mettle, with a full-frame sensor (the largest in its class) of up to 24.3MP resolution. Weightier lenses are now ably supported via optical five-axis image stabilisation, providing 4.5 stops of extra brightness. Auto-focus and start-up times are quicker, thanks to a 117-point phase-detection AF sensor working with 25-point contrast-detection AF, which ensure sharpness no matter where the subject is in the frame. Operation resembles a DSLR, with a forward-placed shutter-release button, a front-control wheel and a 2.36-million-dot electronic viewfinder.





4 Olympus OM-D E-M5 II

From £899 (body only) olympus.co.uk

A doppelganger of the E-M1 flagship camera, the E-M5 II is marginally heavier because of a new shutter mechanism and a tilt 'n' swivel LCD screen. This is a boon for Full HD video, as is the five-axis in-body image stabilisation. For stills, choose the Four Thirds CMOS sensor's 16MP mode or a new 40MP mode, which combines eight successive shots for a final image that's processed in 2.5 seconds. The E-M5 II is splashproof, dustproof and freezeproof. Pity there's no built-in flash, but it has a clip-on FL-LM3 accessory flash.



5 Canon EOS M3

From £599.99 (with lens) canon.co.uk

More akin to a compact than a DSLR, the miniaturised EOS has a very large APS-C sensor with a maximum resolution of 24.2MP, and a pop-out flash. It has the creative flexibility of a rear-panel touchscreen that tilts up by 180 degrees, down by 45 degrees, or faces the subject. A kit option includes an 18-55mm zoom for sharp, colour-rich results. A 49-point AF system and Canon's Digic 6 processor ensure swiftness yet reliability. As the camera is consumer-targeted, it offers Wi-Fi and NFC connectivity for sharing your shots, making it a good first step up from a smartphone camera.



6 Nikon 1 J5

From £349 (body only) nikon.co.uk

With its one-inch sensor size physically larger than the 1/2.3-inch chip found in most point-and-shoots, if smaller than most CSCs and all DSLRs, the 20.8MP J5 is the most grown-up J series camera yet. The key 'hook' is 4K video capture – a first for Nikon, ensuring the J5 joins a select handful in Panasonic's GH4/GX8, Samsung's NX1 and Sony's A7s – all heftier, pricier cameras. Yet the J5's maximum frame rate is a paltry 15fps, not the more cinematic 30fps. It does feature a flip-up, three-inch, selfie-enabling screen, and its 10-30mm compact zoom kit is fair value at £430.



Get the UK's best-selling Linux magazine

FREE DVD!  **16 TRAINING VIDEOS**

LINUX

FORMAT

65 Pages of tutorials and features!

- » Use WhatsApp on the Pi
- » Inside WordPress 4.3
- » Terminal network hacking

+ Best Chromebook 2015:
Discover the one to buy inside

Get into Linux today!

SPECIAL EDITION! **Join Tux's Coding Academy**

Everything you need to become an expert open-source developer

- ✓ Get into Python today!
- ✓ Create web apps and tools

UberStudent 4.1 **NEW 64-BIT RELEASE**

The **Ubuntu** distro built for students and educators

wattOS R9 **Exclusive!**

A lightweight LTS distro that'll run on PCs with just 256MB **32-bit**

16 Urban Penguin training videos. Kickstart your Linux knowledge today!

LINUX DVD LIVE DISC: READY TO RUN
EVERYTHING YOU NEED TO GET STARTED WITH LINUX

Stay private online with the latest P2P system

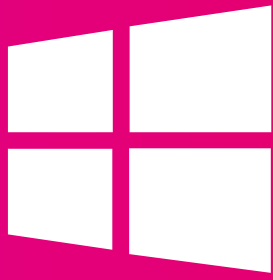
Build your own Ubuntu phone

» How to flash Ubuntu touch onto your own Nexus device

OUT NOW!

Future LXF202 SEPTEMBER 2015 PRINTED IN THE UK 08-49
9 771473 968012

DELIVERED DIRECT TO YOUR DOOR
Order online at www.myfavouritemagazines.co.uk
or find us in your nearest supermarket, newsagent or bookstore!

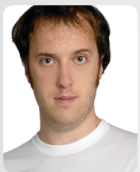


Welcome to...

Windows 10

▶ WINDOWS 10 TIPS ▶ INSTALLATION ADVICE ▶ GET GOING WITH A NEW PC

Welcome



Whether you've just installed Windows 10, or you're still wondering if it's

worth the upgrade, then you've come to the right place. Windows 10 can be a leap into the unknown for some people, and we're here to give you the confidence to take the initial steps.

In this section, you'll find advice on how to upgrade to Windows 10, as well as a short tutorial showing how it works and what you need to do first.

And don't forget to let us know how you're getting on! Email us on windowsmagazine@futurenet.com.

Matt Hanson
Associate Editor
www.facebook.com/windowsmag

Featuring...

92 Installing Windows 10 is easy to do – read our no-nonsense guide for all the tips and advice you need

94 With your operating system installed, we show you how to get started with the new features

TURN TO PAGE 14 FOR MORE WINDOWS 10 HELP

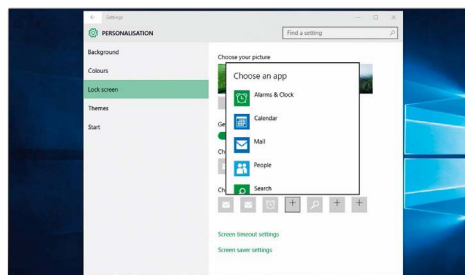


Windows 10 tip of the month

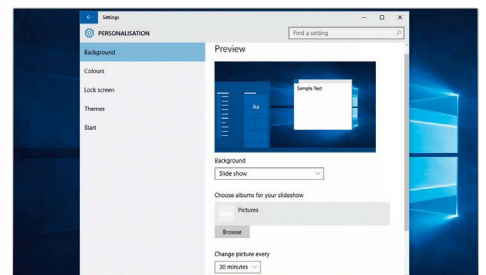
Customise your version of Windows 10

Add apps to your lock screen

You can view notifications from various apps by adding them to your PC's lock screen, which is the screen that appears when your computer is waiting for you to log in. Navigate to 'Start > Settings > Personalisation > Lock screen' and scroll down to the 'Choose apps to show quick status' section. Click on any of the grey boxes and pick an app from the list to view their status on the lock screen.



LOCK SCREEN VIEW Showing Calendar appointments in the lock screen could serve as a handy reminder



BATTERY LIFE Bear in mind that lock screen badges will drain your laptop's battery while fetching data

Installing WINDOWS 10

Bring your PC up to date with the latest version of Windows 10 – it could be the last time you'll ever upgrade...

Windows 10 offers many new features and improvements from previous versions. Features include Cortana and the Edge web browser, as well as Windows-standard security tools, such as secure boot and Windows Defender. If you're currently using Windows 7 Starter, Home Basic or Home Premium, or the standard Windows 8.1, this is the version you'll get as part of your free upgrade.

Windows 10 Pro is designed for more advanced operation, and includes a few more features, including the ability to host a Remote Desktop session, additional data security with BitLocker and the Encrypted File System (EFS),

additional networking components, and Hyper-V, which allows the creation of virtual machines.

Windows 10 is also making its way to mobile devices with the Mobile and Mobile Enterprise editions, which will replace Windows Phone 8.

Get installing

Installing, as you'll find out, is reasonably straightforward. Upgrading from within Windows is even easier. In our testing, we lost no files or installed programs, although you may see a few default Windows apps disappearing –

Windows 7's Solitaire and Hearts, for example, will not transfer because Windows 10 has its own versions.

Windows 10 maintains a high level of compatibility with previous versions, and we're yet to encounter any software that doesn't work as it did on the Windows 8.1 desktop.

If you're eligible for the free upgrade – that is, if you're running a licensed copy of Windows 8, 8.1 or 7 with at least Service Pack 1 installed – you'll see a windows logo in the taskbar at the bottom-right corner of your desktop. Click to get Windows 10 for free.

But there's more than one way to upgrade, and several things to bear in mind when

you do so. Here we cover everything you need to know!

Back up first

While it's unlikely anything will go wrong, a new install is a good excuse for a backup! Safe data should be stored in its original location, with copies in two other different locations. You will need to use an external drive and online cloud storage. Most free services offer a limited amount of space, so only place your most critical files here. Services such as Carbonite or CrashPlan, which charge a subscription fee, offer more options, and do the hard work for you.

The key location to have backed up is your personal folder, which will sit within the Users folder on your main drive. This includes your libraries – Documents, Photos

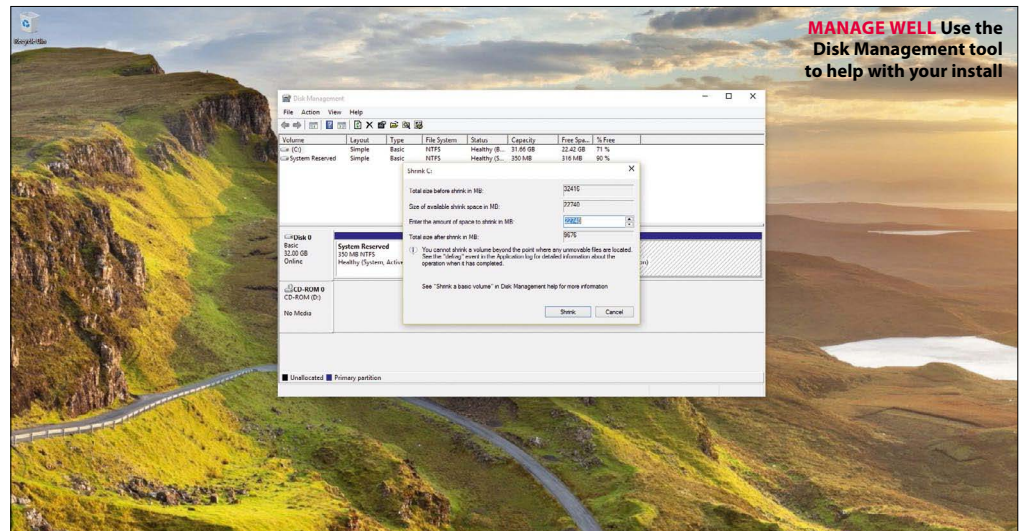


and the like – and your Windows desktop. But do be warned it won't cover absolutely everything safely.

There's a small chance you're very organised, and you know where every file of a given type resides on your hard drive. There's a larger chance everything is scattered in separate places, so you'll need to dig everything up. Use Windows' search facility to find what you're looking for; open up Computer in an Explorer window and use the search bar at the top to search for, for example, '*.*.jpg' to find all of your photos, or '*.*.mp3' for your music. Select the files from your searches and copy them to your external drive and, if you have space, to your chosen cloud service.

Time to upgrade

To upgrade to Windows 10, just click the icon in your System Tray and proceed. Or, you might want to do clean install. If you have a copy of Windows 10 on DVD, put it in your optical drive, restart your machine, and it'll boot from the disc. If it doesn't, you'll need to change a setting in your computer's BIOS/UEFI to put the optical drive first in the boot order. We can't be specific about exactly what setting to change and how, given the wide variety of BIOS and UEFI systems out there, but watch out for a message displayed on your PC's screen at boot time – you might see a window in which to hit an allotted key, usually [F2] or [Del]. If you know the model of your PC, check the manufacturer's website for more instructions. The process is also true if



you've transferred an ISO image to USB for installation; while there are more steps to take, as long as your install media is set to boot first, you'll be fine. You'll need to ensure you have your drive inserted into a port before you boot to BIOS in order to set this up. Once you're running the installer, follow the instructions. The Windows 10 install process is more simple and foolproof than before, and if you're careful not to let it overwrite a partition you're using, you'll likely have no problem.

But wait! Hold fire if you're looking to dual boot Windows 10 with 7 or 8.1; before you install, unless you happen to have a spare partition, you'll need to use the Disk Management tool within your old OS to resize your primary partition and separate off space for Windows 10 to install into.

But wait... again! Before you resize your partition, make sure your files are arranged by defragmenting it, leaving space

at the end to be reallocated. Right click your primary drive in Windows Explorer, select 'Properties', open the Tools tab, and click 'Defragment now'. Now click Defragment Disk to start the process. Launch the Disk Management tool by opening the run dialog with [Windows]+[R] then typing diskmgmt.msc. The interface shows the partitions that exist on your machine – you'll probably have at least two, a small recovery partition and a much larger main partition, and it's the latter we're interested in. Check in the volumes list at the top of the window that your chosen partition has enough free space (at least 16GB for 32-bit Windows 10 and 20GB for 64-bit, allocating more if you can). If you're short on space, clear some files before continuing. Right click your target drive in the Disk Management tool and select 'Shrink Volume', then input the amount of space you're looking to claw back. Be aware that the tool is looking for this in MB rather than GB, so add three zeroes to the end of your intended space in GB. Click 'OK' and the tool will go to work, and you'll be left with an area on your drive labelled 'unallocated space'. We now need to turn this into a partition. Right click it, select 'new simple volume', and click 'Next'. You can give this new partition any letter you like. Keep clicking 'Next' until you see the formatting options. Make sure you choose 'NTFS' as the file system, and label your drive before formatting the space.

Windows 10 keyboard shortcuts

- [Alt]+[Tab]**
Switch between open apps
- [Alt]+[F4]**
Close the active item, or exit the active app
- Windows logo key+[L]**
Lock your PC or switch accounts
- Windows logo key+[D]**
Display and hide the desktop
- Windows logo key+[A]**
Open Action center
- Windows logo key+[S]**
Open search
- Windows logo key+[C]**
Open Cortana in listening mode
- Windows logo key+Tab**
Open Task view
- Windows logo key+[Ctrl]+[D]**
Add a virtual desktop
- Windows logo key+[Ctrl]+Right arrow**
Switch between virtual desktops you've created on the right
- Windows logo key+[Ctrl]+Left arrow**
Switch between virtual desktops you've created on the left
- Windows logo key+[Ctrl]+[F4]**
Close the virtual desktop you're using



BOOT UP Installing from a disc? Then you might need to visit your UEFI system

Learn how to... Get started with Windows 10



Your guide *Zak Storey* says...

"Now you've finally got Windows 10 installed, it's time to find out what it has to offer"

Now you've got Windows 10 installed, up and running, it's time to see how the new system works. There's a new Start menu for you to explore and some exciting new features. For example, when it comes to aiding productivity Windows 10 has plenty on offer. Whether it's **aero snapping** your apps to corners or asking Cortana to help you out by setting reminders, it's all there to streamline your daily computing.

The best approach is to dive right into as many of the settings as you can – personalising your operating system, desktop and programs for the tasks you perform the most.

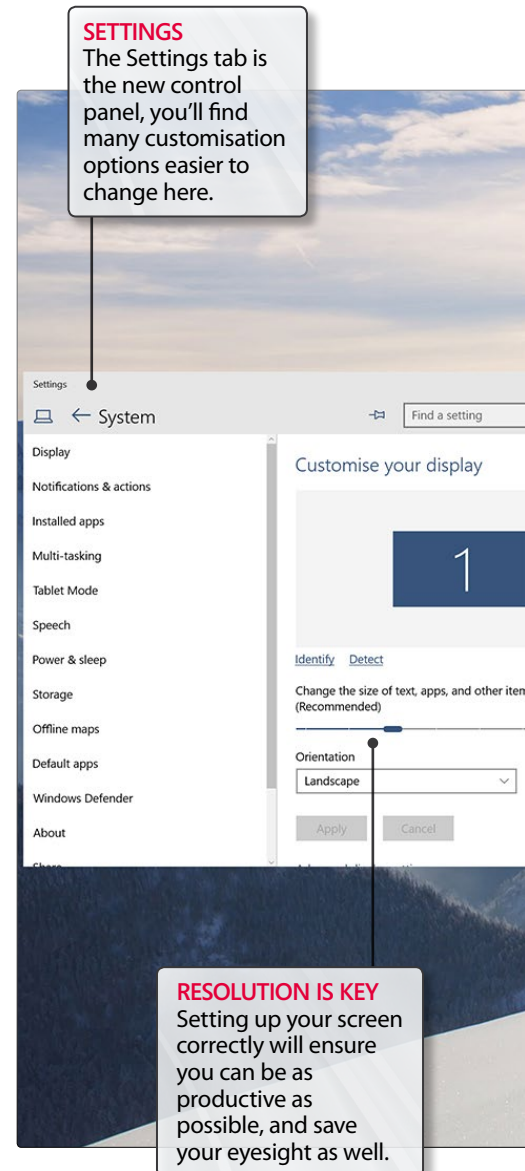
For instance, if Cortana isn't your thing, or you prefer not to search on the desktop through Bing then you can remove that part from the taskbar at the bottom of the page. Doing this will give you more screen space, as well as a tidier desktop and leave you with more space to pin programs to. But, these are just a few ways to improve your Windows experience, read on to learn more.

Jargon buster!

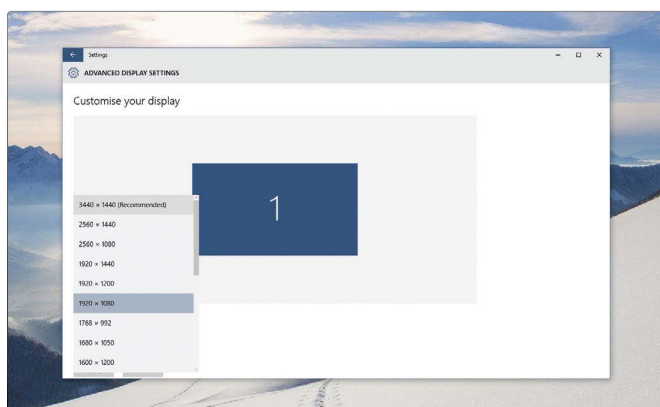
► **Resolution**
The resolution is how many pixels occupy the screen. The higher the resolution the more dots and the clearer your images will be.

► **Snapping**
A way of arranging and resizing windows, by dragging them to the edge of your screen.

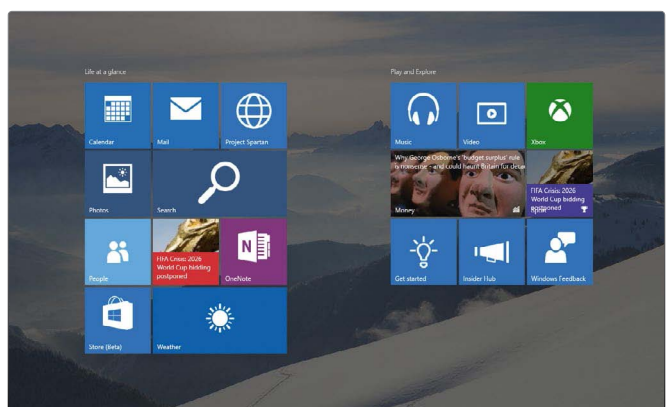
► **Partition**
A separate segment of your drive split off to organise and protect your files from viruses or data loss.



Step-by-step | Get started with Windows 10



1 **Set up your screen resolution**
To help increase your productivity make sure your screen is running at maximum **resolution**. You'll find text and images are much clearer and easier to see. Right click on an empty area of your desktop and select 'Display Settings'. You can now select 'Advanced Display Settings' in the right-hand window. Here you'll find the Resolution drop-down menu – select the highest option.



2 **Switch to Tablet mode for 2-in-1 laptops**
Open the Start menu and select 'Settings'. Here you'll find some tools you can configure to make your life easier. Go to System then Tablet mode. Enabling Tablet mode will make Windows 10 act more like Windows 8 – your apps will be fully sized and your Start Menu will expand to the entire screen. Ideal for 2-in-1 laptops and touchscreen all-in-ones.

MULTI-APP VIEW

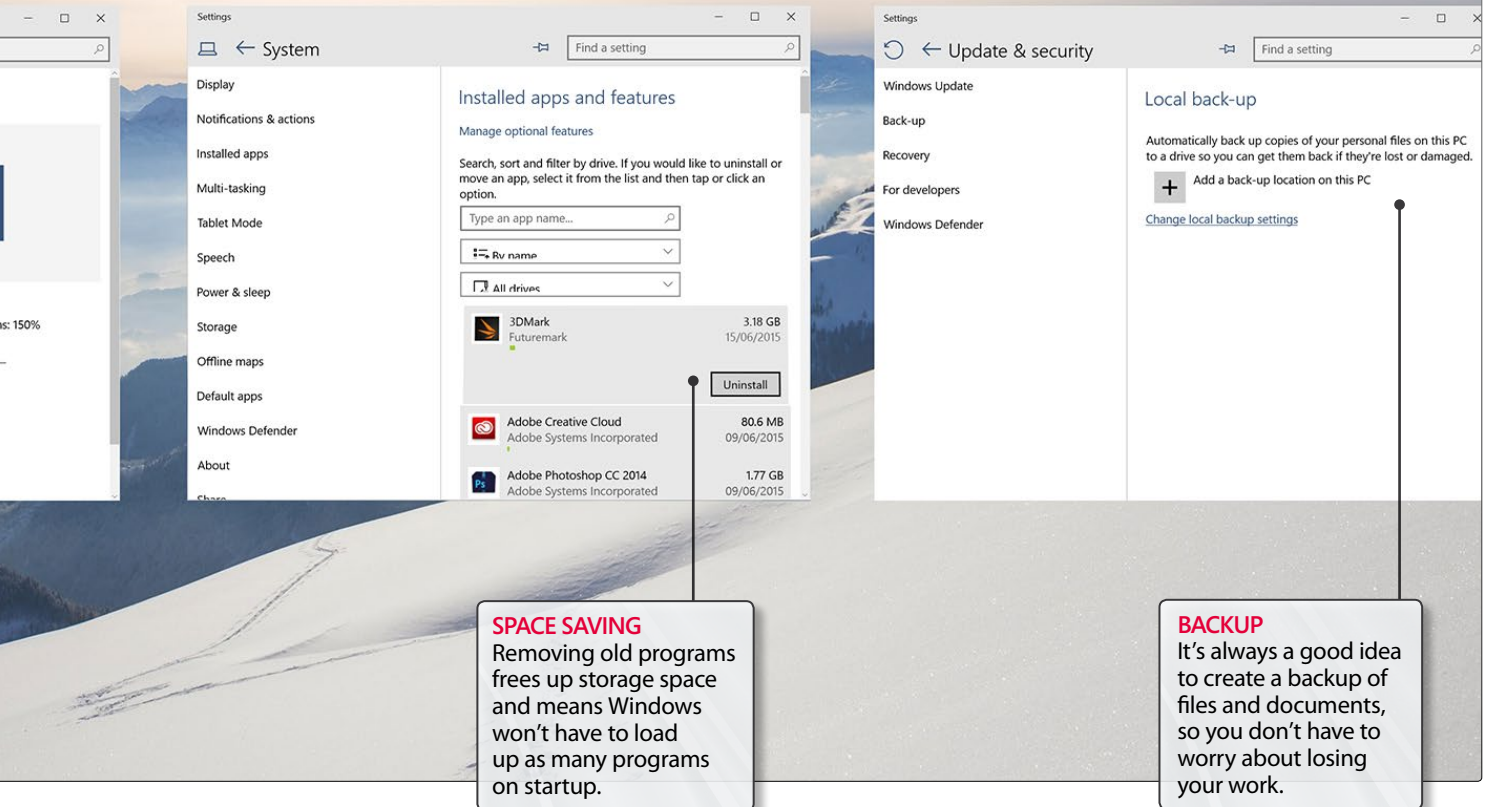
This little button makes switching between apps much easier.



ZAK'S BEST TIP!
Explore all the menus to discover all the options on offer. We guarantee you'll find plenty of shortcuts and tricks that will soon become indispensable.

CORTANA

Your personal assistant, ask it for anything and it'll see if it can help, or just search the internet for an answer.

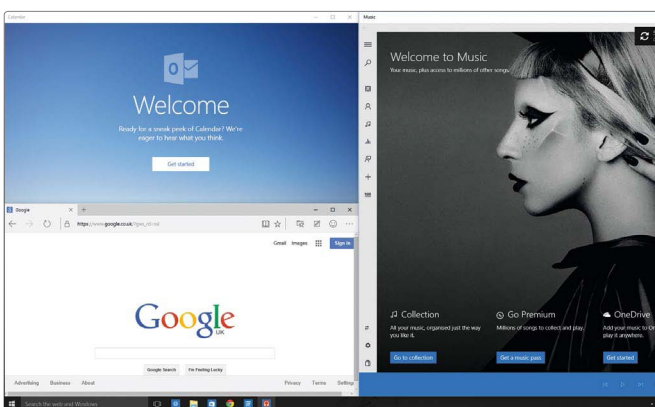


SPACE SAVING

Removing old programs frees up storage space and means Windows won't have to load up as many programs on startup.

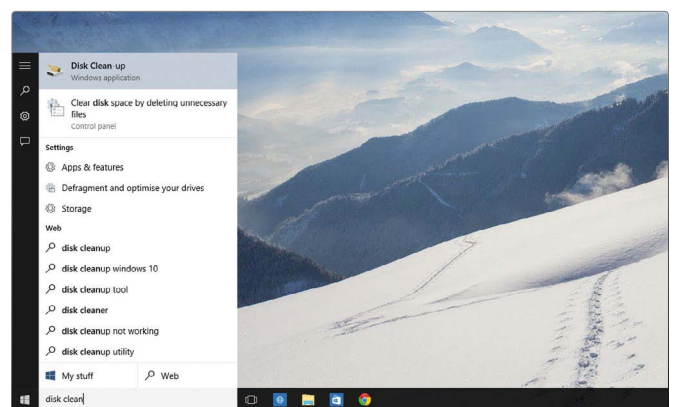
BACKUP

It's always a good idea to create a backup of files and documents, so you don't have to worry about losing your work.



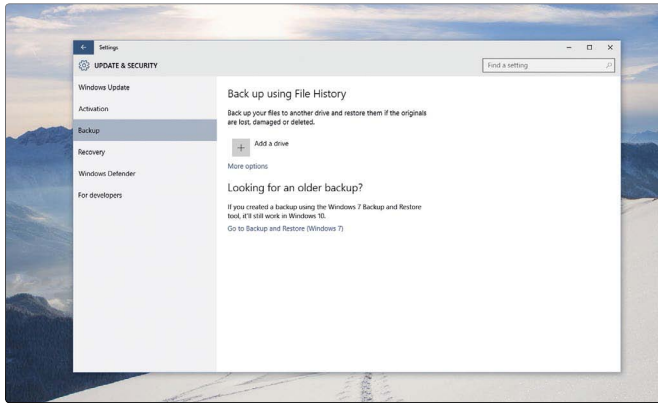
3 Aero Snap in Windows 10

Snapping programs to the sides of the screen was a feature introduced in Windows 7. In Windows 10 you can now snap applications to each corner, as well as to the sides, by left-clicking and dragging the top bar into a corner. You will also see a visual representation of how much screen space the app will take up. This makes it much easier to multitask with two documents.

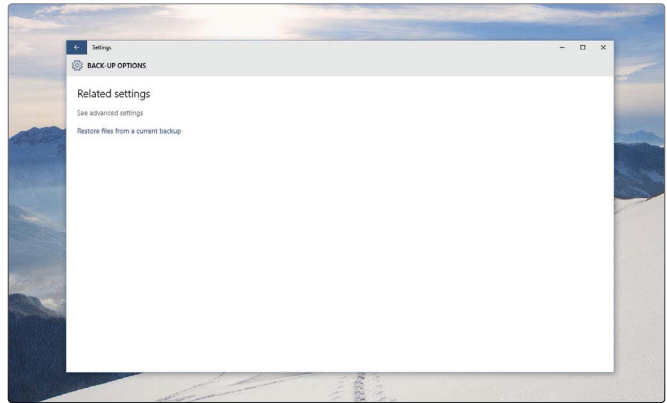


4 Uninstall programs

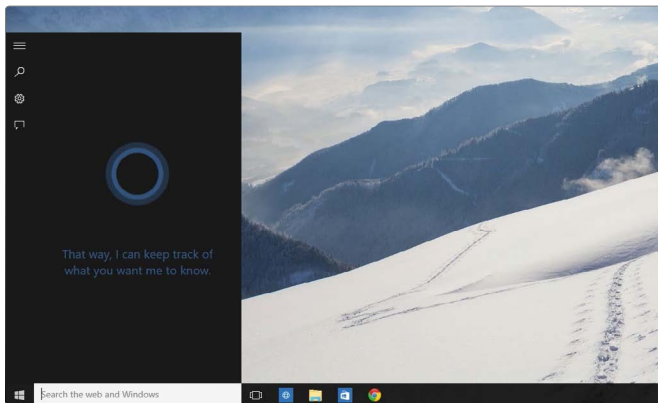
Uninstalling old and unused programs can be useful for freeing up storage space on your PC. You'll also notice your start-up times become speedier if you declutter. To do this, click 'Settings' in the Start Menu, select 'System' then on the left tab select 'Installed Apps'. Here you can remove apps by left-clicking them and selecting 'Uninstall'.



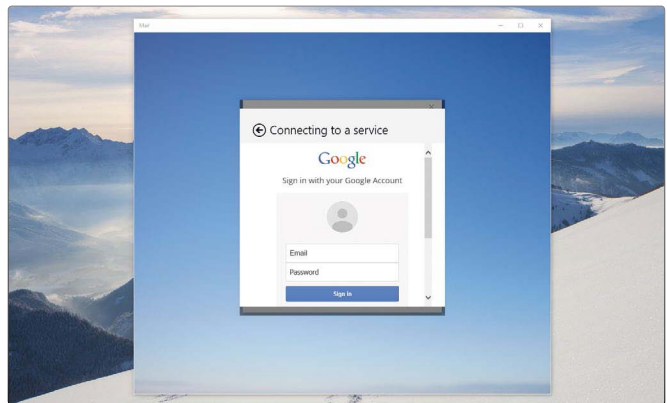
5 Create a secure backup
 You'll need around 120GB of excess storage in a separate **partition** or drive to create a secure backup of your PC's OS and documents every week. Go to 'Settings' and select 'Update & Security', then click on 'Back-up' in the left-hand window. Click on the '+' button and select the partition or drive you wish to use. Once done select 'more options', then 'See advanced settings'.



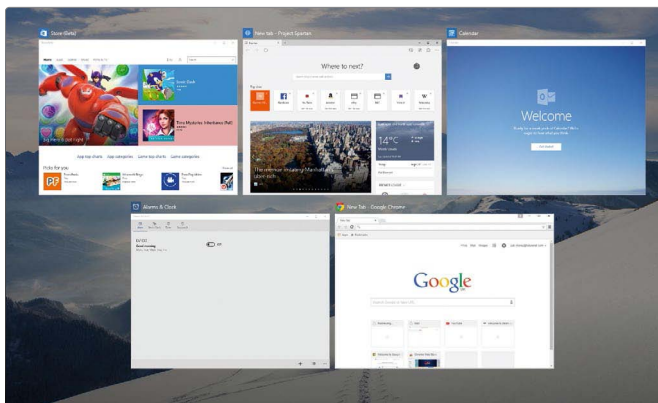
6 Finish the backup
 Now click 'System Image Backup' in the bottom left-hand corner of the screen, and click 'Set up Back-up' on the right-hand side of the screen. Highlight the drive you want to use for your backup and click 'Next', then 'Let Windows Choose'. Hit 'Next' again. You can now set up the schedule for when Windows performs the backup and then press 'Save settings and run backup'.



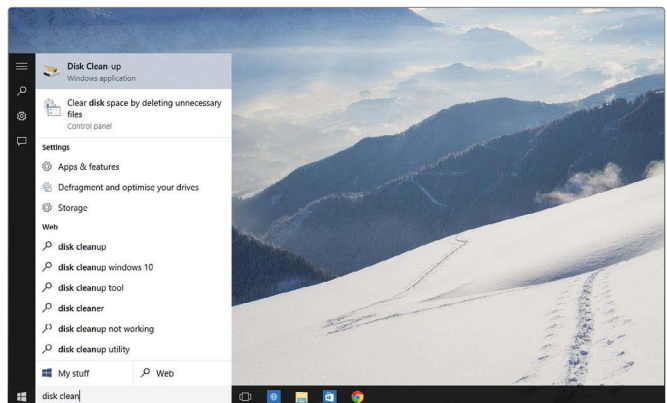
7 Cortana on call
 If you're signed into your Microsoft account you can use Cortana for many things from searching the internet, to setting calendar reminders or sending emails. To get going, just say "Hey Cortana" (making sure your mic is enabled) or type **Cortana** into the search bar at the bottom left-hand of your screen. If it can't do something for you it'll search the internet for the answer.



8 Organise mail accounts into one
 Keeping all email accounts in one place was a handy feature introduced in older versions of Windows 8. However, the Mail app that replaced Outlook has much more increased functionality. Click on the Mail icon in your Start window select 'Add account', select your email service and fill in the details. You can now select 'Done' and all your emails will be in one place.



9 Multi-App view
 Another neat feature is the ability to swap between many apps at any time. Just press 'Task view', the button to the right of the search bar near the Start menu. This allows you to quickly switch between open applications (including minimised ones) without having to trawl through the icons on your task bar, making it much easier to find programs.

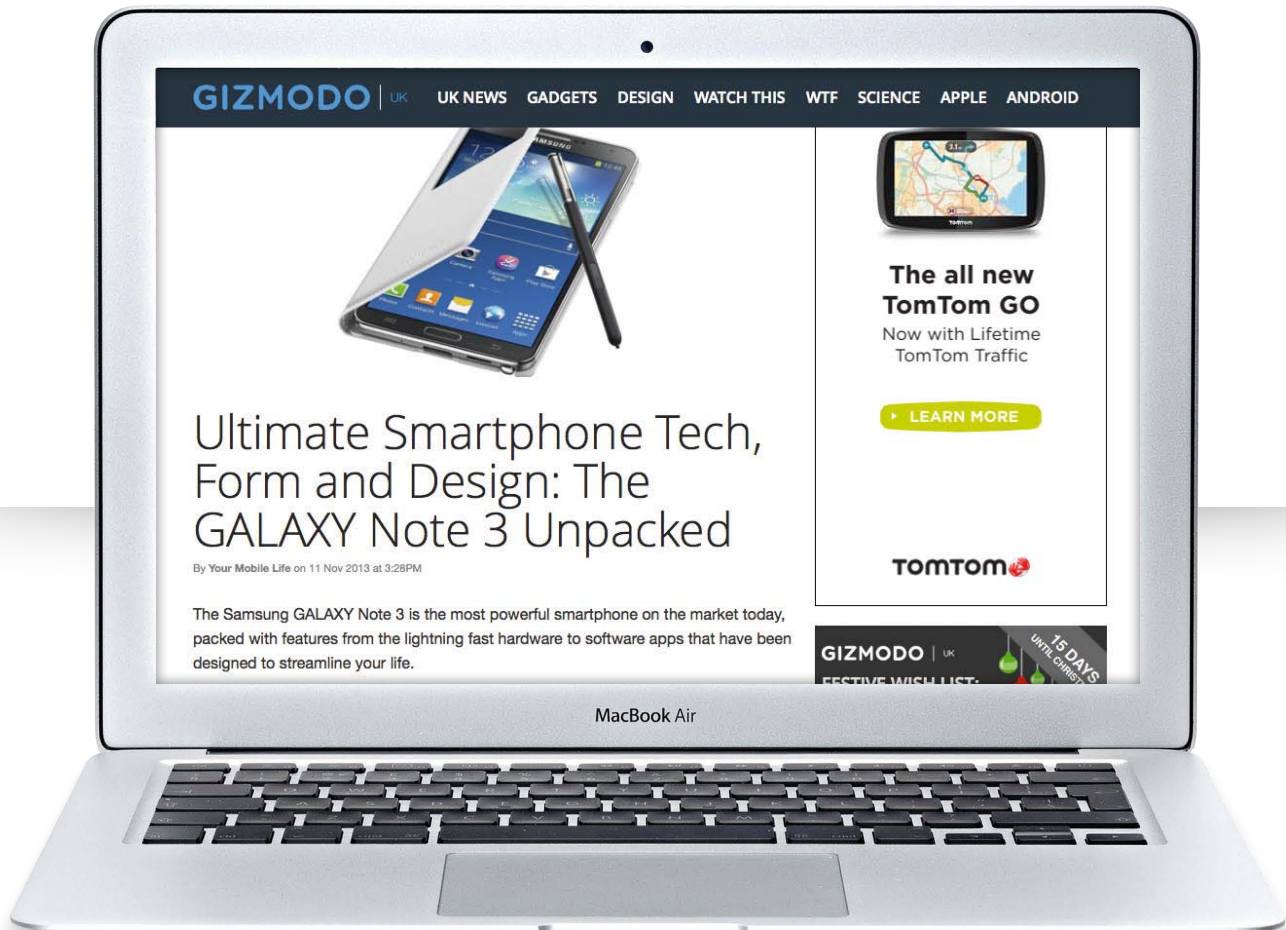


10 Uninstalling the old Windows
 So, it's time to bid farewell to Windows 7 or 8 on your PC! To uninstall it, click on the Start menu and type in **disk clean up**, then open the 'Disk Clean Up' application. You can now select drive (C:), press 'OK' and let Windows scan the drive. Scroll down the open window and tick 'Previous Windows Installation(s)' tab, select 'Clean up system files' and you're done. ■

GIZMODO

UK

Not your average technology website



EXPLORE NEW WORLDS OF TECHNOLOGY GADGETS, SCIENCE, DESIGN AND MORE

- Fascinating reports from the bleeding edge of tech
- Innovations, culture and geek culture explored
- Join the UK's leading online tech community

www.gizmodo.co.uk

twitter.com/GizmodoUK facebook.com/GizmodoUK

Windows Help & Advice is an internationally licensed title and is exported to another 22 countries.

Future Plc, Quay House, The Ambury Bath BA1 1AU
Tel: 01225 442244 Fax: 01225 732275
Email: windowsmagazine@futurenet.com
Web: www.facebook.com/windowsmag

EDITORIAL

Editor-in-chief Graham Barlow
Deputy editor Nick Odantzis
Staff writer Zak Storey

ART/PRODUCTION

Art editor Richard Hood
Production editor Davina Rungasamy

CONTRIBUTORS

Editorial Desire Athow, Catherine Emma Ellis, Dan Grabham, Christian Hall, Matthew Hanson, Dave James, Ali Jennings, Juan Martinez, Nick Mediat, Andy Ounstead, Nick Peers, Mayank Sharma, Andrew Westbrook, Henry Winchester
Photography Future Photo studio, Thinkstock.com

ADVERTISING

Commercial sales director Clare Dove (clare.dove@futurenet.com)
Advertising manager Richard Hemmings (richard.hemmings@futurenet.com)
Advertising manager Michael Pyatt (michael.pyatt@futurenet.com)

MARKETING

Marketing manager Richard Stephens

PRODUCTION & DISTRIBUTION

Production controller Nola Cokely
Production manager Mark Constance
Printed in the UK by William Gibbons & Sons Ltd on behalf of Future
Distributed by Seymour Distribution Ltd, 2 East Poultry Avenue, London EC1A 9PT, Tel: 0207 429 4000
Overseas distribution by Seymour International

CIRCULATION

Trade marketing manager Juliette Winyard (07551 150 984)

SUBSCRIPTIONS

UK reader order line & enquiries 0844 848 2852
Overseas reader order line & enquiries +44 (0)1604 251045
Online enquiries www.myfavouriteemagazines.co.uk
Email windowsmag@myfavouriteemagazines.co.uk

LICENSING

International director Regina Erak (regina.erak@futurenet.com)
+44 (0)1225 442244 Fax +44 (0)1225 732275

MANAGEMENT

Content & marketing director Nial Ferguson
Head of content & marketing, technology Nick Merritt
Group editor-in-chief Paul Newman
Group art director Steve Gotobed

Future

Future is an award-winning international media group and leading digital business. We reach more than 49 million international consumers a month and create world-class content and advertising solutions for passionate consumers online, on tablet & smartphone and in print.

Future plc is a public company quoted on the London Stock Exchange (symbol: FUTR).
www.futureplc.com

Chief executive Zillah Byng-Maddick
Non-executive chairman Peter Allen
Chief financial officer Richard Haley

Tel +44 (0)207 042 4000 (London)
Tel +44 (0)1225 442 244 (Bath)



A member of the Audit Bureau of Circulations

Want to work for Future?
Visit www.futurenet.com/jobs

All contents copyright © 2015 Future Publishing Limited or published under licence. All rights reserved. No part of this magazine may be reproduced, stored, transmitted or used in any way without the prior written permission of the publisher.

Future Publishing Limited (company number 2008885) is registered in England and Wales. Registered office: Quay House, The Ambury, Bath, BA1 1UA. All information contained in this publication is for information only and is, as far as we are aware, correct at the time of going to press. Future cannot accept any responsibility for errors or inaccuracies in such information. You are advised to contact manufacturers and retailers directly with regard to the price and other details of products or services referred to in this publication. Apps and websites mentioned in this publication are not under our control. We are not responsible for their contents or any changes or updates to them.

If you submit unsolicited material to us, you automatically grant Future a licence to publish your submission in whole or in part in all editions of the magazine, including licensed editions worldwide and in any physical or digital format throughout the world. Any material you submit is sent at your risk and, although every care is taken, neither Future nor its employees, agents or subcontractors shall be liable for loss or damage.



We are committed to only using magazine paper which is derived from well managed, certified forestry and chlorine-free manufacture. Future Publishing and its paper suppliers have been independently certified in accordance with the rules of the FSC (Forest Stewardship Council).



When you have finished with this magazine please recycle it.

In the next issue...

Get more from your Windows PC

WINDOWS 10 NETWORKING SECRETS REVEALED

Supercharge your Wi-Fi and get your home networking sorted

PROTECT YOUR PRIVACY ONLINE

How to stop people hacking your email

HOW TO...

- Use anti-virus software
- Nail your presentations
- Master Windows 10's Notification Centre

Catch up with us on...



www.facebook.com/windowsmag

SERIOUS ABOUT HARDWARE?

TRY WINDOWS 10 THE EASY WAY
Go virtual and leave your install untouched

INTEL SIXTH-GEN CHIPS IN THE LABS
How good is Skylake and what really makes it tick?

LAPTOP GAMING DONE RIGHT
Finally, the notebook you've been waiting for!

PERFORMANCE GEAR & GAMING

PCFormat®

ISSUE 309 • OCTOBER 2015

GRAPHICS SUPERTEST!

BEST GPUs

FROM £169-£830

- ✓ Best card for your screen
- ✓ 10 hot new cards rated
- ✓ Fury X vs Titan X

Fractal mining

PROCEDURAL GENERATION

How maths is defining the future of PC gaming

BUILD IT!

FULL HD GAMING PC FOR £466

PLUS The ultimate PC buyer's guide

NO.1 FOR WINDOWS 10 HARDWARE!
Asus Z170 Pro Gaming Scythe Ninja 4 and more!

Future OCTOBER 2015 www.pcformat.co.uk £5.99 (incl. delivery) 771467 064041

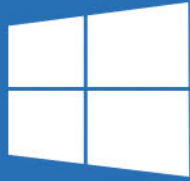


**NOW ON
APPLE
NEWSSTAND
&
GOOGLE PLAY**

**Download the
day they go
on sale in the
UK!**

Delivered direct to your door

Order online at www.myfavouritemagazines.co.uk
or find us in your nearest supermarket, newsagent or bookstore!



Windows 10

Available Now

- The fastest Windows ever
- The ultimate gaming platform with Direct X 12
- Familiar yet expanded Start menu
- Beautiful, elegant UI for desktops and laptops

FUSION MASTER

Cooler Master MasterCase V Case
 Intel® Core™ i7-6700K Skylake Processor
 Cooler Master Nepton 240M Cooler
 Asus Z170 PRO GAMER Motherboard
 NVIDIA GeForce GTX 980 4GB
 16GB 3000MHz DDR4 Memory
 512GB Samsung M.2 PCIe SSD
 2000GB Seagate SSHD Hybrid Drive
 Cooler Master VS Series V 750W Power Supply
 Onboard High Definition Audio
 Windows 10 64bit OEM

From £1699 inc VAT



Windows 10 and SKYLAKE is here!



FUSION CENTURION

Zalman Z3 Case in Black
 Intel® Core™ i5-6600K Skylake Processor
 Akasa Nero 3 CPU Cooler
 Asus Z170-K Motherboard
 NVidia GeForce GTX 750 1GB
 8GB 2133MHz DDR4 Memory
 128GB Samsung M.2 PCIe SSD
 1000GB Hard Disk Drive
 Aerocool 600W Power Supply
 Onboard High Definition Audio
 Windows 10 64bit OEM

From £649 inc VAT



FUSION NEO

Zalman Z11 Neo Case
 Intel® Core™ i5-6600K Skylake Processor
 Corsair H55 Liquid Cooler
 Asus Z170-K Motherboard
 NVidia GeForce GTX 960 2GB
 16GB 2133MHz DDR4 Memory
 128GB Samsung M.2 PCIe SSD
 1000GB Seagate SSHD Hybrid Drive
 Aerocool 600W Power Supply
 Onboard High Definition Audio
 Windows 10 64bit OEM

From £999 inc VAT



FUSION CORE

Thermaltake Core V51 Case
 Intel® Core™ i5-6600K Skylake Processor
 Corsair H55 Liquid Cooler
 Asus Z170 PRO GAMER Motherboard
 NVIDIA GeForce GTX 970 4GB
 16GB 2133MHz DDR4 Memory
 256GB Samsung M.2 PCIe SSD
 2000GB SSHD Hybrid Drive
 Aerocool 700W Power Supply
 Onboard High Definition Audio
 Windows 10 64bit OEM

From £1299 inc VAT



FUSION EMISSARY

Fractal Design Define S Case
 Intel® Core™ i5-6600K Skylake Processor
 Fractal Design Kelvin S36 Liquid Cooler
 Asus Z170 PRO GAMER Motherboard
 ASUS STRIX GeForce GTX 960 4GB
 16GB 2133MHz DDR3 Memory
 120GB Samsung M.2 PCIe SSD
 1000GB Seagate SSHD Hybrid Drive
 Corsair RM 750 Semi Active Power Supply
 Onboard High Definition Audio
 Windows 10 64bit OEM

From £1199 inc VAT

FINANCE AVAILABLE ON ALL SYSTEMS OVER £250*
Terms & Conditions apply. Credit subject to status and affordability.

£15 OFF ANY CHILLBLAST PC
WITH THE CODE WINHELPA1

The UK's most awarded PC Builder**

But don't just take our word for it...

- Five time winner of PC Pro Excellence Award!
- Four time winner of PC Advisor Best Desktop Brand!
- Builder of the World's Fastest PC!***
- Computer Shopper & Expert Reviews Best PC Manufacturer 2012



* Credit subject to status and affordability. Credit is provided by a panel of lenders with whom we have a commercial relationship - we are not able to provide independent advice. Terms & Conditions apply. Credit subject to status and affordability.

** Chillblast won more awards in the leading IT press publications PC Pro, PC Advisor and Computer Shopper combined than any other retailer 2010-2013

*** World's fastest PC as tested by PC Pro Magazine <http://www.pcpro.co.uk/reviews/desktops/371152/chillblast-fusion-photo-oc-iv>
 Intel, the Intel Logo, Intel Inside, Intel Core, Core Inside, Pentium, and Pentium Inside are trademarks of Intel Corporation in the U.S. and/or other countries.

Terms and conditions are on the website. All trademarks are acknowledged. Pictures are for illustration only. Prices are correct at time of going to press (12-08-15) E&OE