

WINDOWS 10 UPDATES

Past, Present & Future



Windows as a Service

Prior to Windows 10, Microsoft released new versions of Windows every few years. This traditional deployment schedule imposed a training burden on users because the feature revisions were often significant. That schedule also meant waiting long periods without new features — a scenario that doesn't work in today's rapidly changing world, a world in which new security, management, and deployment capabilities are necessary to address challenges. Windows as a service will deliver smaller feature updates two times per year, around March and September, to help address these issues.

DEFINITIONS

- **Feature updates** will be released twice per year, around March and September. As the name suggests, these will add new features to Windows 10, delivered in bite-sized chunks compared to the previous practice of Windows releases every 3-5 years.
- **Quality updates** are released monthly, delivering both security and non-security fixes. These are cumulative, so installing the latest quality update is sufficient to get all the available fixes for a specific Windows 10 feature update.
- **Insider Preview** builds are made available during the development of the features that will be shipped in the next feature update, enabling organizations to validate new features as well as compatibility with existing apps and infrastructure, providing feedback to Microsoft on any issues encountered.

Device Compatibility

Device compatibility in Windows 10 is also very strong; new hardware is not needed for Windows 10 as any device capable of running Windows 7 or later can run Windows 10. In fact, the minimum hardware requirements to run Windows 10 are the same as those required for Windows 7. Most hardware drivers that functioned in Windows 8.1, Windows 8, or Windows 7 will continue to function in Windows 10.

Windows 10 Updates

Name	Version	Availability
November Update	1511	11/12/2015
Anniversary Update (Redstone 1)	1607	8/2/2016
Spring Creators Update (Redstone 2)	1703	4/11/2017
Fall Creators Update (Redstone 3)	1709	10/17/2017
Spring 2018 (Redstone 4)		

Where do you find which version of Windows 10 is installed your computer?

Settings | System | About | Windows Specifications

Build 1511

- Start Menu
- Tablet Mode
- Context Menu
- Cortana
- Desktop
- Settings App
- Accounts
- Privacy
- Microsoft Edge






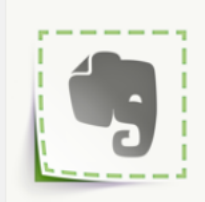













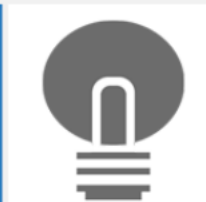


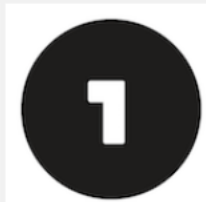







Build 1607

- Security – incl. new Windows Defender features
- Different Start Menu
- Taskbar got some cool tweaks
- Edge got extensions and improvements
- Cortana got moved to the Lock Screen
- Connect Android device
- More useful action center
- Active hours

Microsoft Store

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 Read&Write for Microsoft Edge™ ★★★★★ Free	 BuiltWith Technology Profiler ★★★★★ Free	 OneLogin for Edge ★★★★★ Free	 KidStart Savings Prompt Free	 ClassLink OneClick ★★★★★ Free	 Norton Identity Safe ★★★★★ Free	 Zoom for Microsoft Edge ★★★★★ Free	 Keeper® for Microsoft Edge - ... ★★★★★ Free	 uBlock Origin ★★★★★ Free	 Nimble Contacts ★★★★★ Free*

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Build 1703

- Smarter Settings layout
- Free up disk space without lifting a finger
- Action Center sliders
- Easier to change screen resolution
- Hit the snooze button on updates
- Metered Ethernet connection
- High DPI support
- New Reminders recurrence options
- App installation tolerance level
- Night light for less blue light

Build 1709

- **Windows Shell**

- Resizing Start horizontally is now smoother.
- You can now resize Start diagonally.
- Start now uses Acrylic backdrop.
- Scrollbars will now shrink away when cursor isn't near them.
- Added new context menu icons in Start.
- New Action Center UI featuring Fluent Design.
- Action Center now shares the same Acrylic backdrop as Start.
- Toast notifications now float in the bottom right corner.
- Tweaked design for toast notifications.
- Toast notifications now feature an arrow instead of an X to dismiss

Build 1709 Cont'd

- **Windows Shell Cont'd**

- .There is now a My People Hub icon on the taskbar.
- You can now pin up to three contacts to the taskbar.
- Pinned contacts can send you "pops" that appear as animated emoji on your desktop.
- My People Hub gives you quick access to all your contacts and associated communication apps.
- You can now share with contacts directly from the Share UI
- Taskbar Battery icon has new flyout with a slider for Power Throttling.
- You can now enable Spatial Sound directly from the Volume icon context menu in the taskbar.
- You can now see files saved in the cloud via OneDrive with "On-Demand Sync" in File Explorer.
- You can now share files via the Share option in the context menu

Build 1709 Cont'd

- **Microsoft Edge**

- You can now ink on PDFs directly within Microsoft Edge.
- You can now see a PDFs table of contents.
- Microsoft Edge now supports PDF forms.
- General PDF reading improvements.
- You can now pin websites to the taskbar just like with Internet Explorer 11.
- General EPUB improvements.
- You can now annotate EPUB documents.
- Minor UI improvements.
- Reading progress is now synced across devices.
- You can now save favorites into a different location directly from the favorites UI.

Build 1709 Cont'd

- **Microsoft Edge Cont'd**

- You can now edit the URL of an already saved favorite.
- Share UI now shows up in the top right of the window.
- Tabs that are no longer active will show a semi-transparent icon.
- Edge now features a readaloud mode that reads text for you on a webpage, PDF or EPUB document..
- Under the hood improvements.
- Copy and paste is now more reliable.
- Edge now shows Acrylic in its title bar.
- Pressing F3 when using Find a Page will now go to the next result. Shift F3 will go to the previous result.
- Updated editable fields in PDFs to now have a subtle color to help indicate that they're editable.

Build 1709 Cont'd

- **Input Improvements**

- New Emoji Panel (accessed with WIN+.)
- Support for Emoji 5.0.
- Updated Touch Keyboard with Shape Writing and one handed mode.
- Improvements to handwriting panel.
- You can now scroll lists and webpages with a pen.

Build 1709 Cont'd

- **Settings**

- About area has been redesigned with relevant information about system health.
- Storage Sense can now automatically delete files in your downloaded folder after 30 days.
- Storage Sense can now delete the previous version of Windows once an upgrade has taken place.
- Remote Desktop is now in the Settings app.
- A new sidebar is present with contextual help tips and video.
- A new "Video Playback" option has been added with HDR and other video options.
- A new Game Monitor option is present.
- Updates now have individual progress indicators when downloading and installing.

Build 1709 Cont'd

- **Settings Cont'd**

- New update activity monitor that shows statistics on downloads of updates for the month.
- Cortana now has its own area in Settings.
- Slight changes to the order of Settings categories.
- Delivery Optimization improvements
- You can now track update download usage
- There is a new option for linking an Android or iPhone device to your Windows 10 PC
- New options for controlling your PC with your eyes using third party hardware from Tobii

Build 1709 Cont'd

•General Improvements

- Windows is now smart enough to throttle inactive programs.
- Windows can now adjust Win32 programs DPI without needing to logout.
- Android users can now see missed call notifications on the desktop when Cortana is synced on their PC and phone.
- Windows 10 now runs on ARM64 architecture.
- Cortana now supports dedicated Speaker Devices.
- Minor elements of the Fluent Design System are present in some areas of the OS.
- The Photos app now has a new Story Remix area that allows you to create quick video clips.
- You can now recover your Microsoft Account password directly from the lock screen.
- Battery life improvements

Build 1709 Cont'd

•General Improvements Cont'd

- Windows 10 Security enhancements with Windows Defender, Exploit Guard and more.
- Translucent UI elements now have Acrylic noise.
- The Mixed Reality Portal icon has been updated.
- Cortana can now lock, sign out, shut down and restart your PC with voice commands.
- Windows can now automatically re-setup your account after feature-update is installed, automatically opening apps and more.
- The Bahnschrift font is now pre-installed.
- Fixed the issue where USBhub.sys was causing spontaneous reboots due to bugchecks (GSOD).
- Fixed an issue where your PC might not go to sleep automatically after remoting into it and signing out of the remote session.

Redstone 4

- **Windows Shell**

- Fluent Design reveal effects have been softened.
- The Start menu now features Fluent Design "reveal" effects in tiles and the apps list.
- The "clear all", "expand", "collapse" and "see more" text in the Action Center now uses your chosen accent color.
- You can now use a two finger swipe gesture to dismiss all notifications in the Action Center.
- Windows will now show you your personalized lock screen when selecting your account on the login page.
- The Calendar fly-out on the taskbar now features reveal effects.

Redstone 4 Cont'd

- **Windows Shell Cont'd**

- Contacts pinned to the taskbar now show a list of connected apps rather than tiles.
- Action Center notifications now feature Fluent Design reveal effects.
- The "clear all" text in Action Center now says "clear all notifications" instead.
- Near Share is now present in the Share UI and lets you share content between nearby devices.
- Right clicking a live tile will give you the option of jumping straight into that apps Settings.

Redstone 4 Cont'd

- **Microsoft Edge**

- You can now mute audio coming from a specific tab.
- Edge now has the ability to save free EPUB books.
- Edge will now automatically fill out preferred information in address and related forms.

- **Cortana**

- Cortana will now collect content relevant to the user and organize it in a new Collections app when browsing the web with Edge.
- Cortana's proactive content will now appear in Action Center.

Redstone 4 Cont'd

- **Input Improvements**

- Touch keyboard now features Fluent Design.
- Physical keyboard users now have the option to enable an on-screen text suggestions function.
- The wide virtual keyboard now features shape-writing.
- New gestures when writing with a pen are now present in the pen insert field.
- You can now insert more than one emoji at once when using the emoji panel.

Redstone 4 Cont'd

- **Settings**

- You can now configure Startup apps in Settings.
- There is now a color wheel in the Ease of Access area.
- Ease of Access has been categorized into subcategories in the sidebar and reorganized.
- Sound settings are now present in the Settings app.
- Users can now limit download bandwidth for updates in the foreground.
- You can now manage what data is stored in Timeline.
- You can now adjust how bright SDR content appears when using a HDR monitor.

End of Life Schedule

Windows 7 SP1	February 22, 2011	January 14, 2020
Windows 8.1	October 18, 2013	N/A
Windows 10 version 1507 **	July 29, 2015	May 9, 2017
Windows 10 version 1511 **	November 10, 2015	October 10, 2017
Windows 10 version 1607 **	August 2, 2016	Tentatively March 2018
Windows 10 version 1703 **	April 5, 2017	Tentatively September 2018
Windows 10 version 1709**	October 17, 2017	Tentatively March 2019

** Applies to Windows 10 Home, Pro, Education and Enterprise editions.

Installing the Fall Creators Update

support.microsoft.com/en-us/help/4028685/windows-10-get-the-fall-creators-update