

Mankato Computer Technology University

Getting to know Windows 11

Check for Upgrade now:

<https://www.microsoft.com/en-us/windows/windows-11?r=1>

Is it worth it to install Windows 11

- Pros
- **Security:** Windows 11 has enhanced security features to protect your computer
- **Gaming:** Windows 11 offers a better gaming experience
- **User interface:** Windows 11 has a modern, clean interface with rounded corners
- **Performance:** Windows 11 improves upon the functionality of Windows 10
- **Features:** Windows 11 has new features like widgets, Android apps, and face and voice recognition

Is it worth installing Windows 11

- Cons
- **Hardware requirements:** Windows 11 has higher system requirements than Windows 10
- **Learning curve:** There may be a learning curve when switching to Windows 11
- **Compatibility issues:** Older devices may not be compatible with Windows 11
- **Potential bugs:** Windows 11 may have bugs and stability issues

What is the disadvantage of Windows 11?

- One downside of upgrading from Windows 10 to 11 is the removal of some features we have come to love such as Live Tiles and Cortana. Other apps that seem to have been removed include Paint 3D, Skype, OneNote and 3D Viewer.

The 10 worst things about windows 11

<https://www.pcmag.com/articles/the-10-worst-things-about-windows-11>

- *1. Windows 11's Hardware Requirements Are Too Stringent*
- *2. Changing Default Apps in Windows 11 Is Too Hard*
- *3. You Have to Sign in With a Microsoft Account to Use Windows 11*
- *4. Windows 11's Start Menu Is Less Usable Than Windows 10's*
- *5. The Taskbar Is Less Helpful Than It Was*
- *6. Windows 11 'Forces' You to Use the Edge Browser*
- *7. Windows 11 Ditches the Action Center, and Its Replacements Stink*
- *8. Windows 11 Is a Step Backward for Tablets*
- *9. You Still Need Third-Party Antivirus With Windows 11*
- *10. Windows 11 Is Not Innovative*

The best Windows yet

- *Qualms Aside, It's Still an Excellent Operating System*
- *Despite everything I've pointed out, there's a lot to love in Windows 11, including its lovely, rounded window corners and Fluent translucent design touches, [Snap Layouts](#), Widgets, [Android App capability](#), [Focus Sessions](#) in the Clock app, [PC gaming improvements](#), and the [Copilot AI](#) that was added in late 2023.*
- No matter how you use your PC, Windows 11 has features, apps, and programs to help you do what you do in the best version of Windows, ever.

More is possible with Windows 11

- This is the best Windows made better, with a Copilot for every person on every device. From AI-powered features to built-in security protections and state of the art creativity, it's the Windows you know, and more.
- Windows 10 will no longer receive support or free software updates starting October 14, 2025
- <https://www.microsoft.com/en-us/windows/end-of-support>

Upgrade considerations

- Windows 11 is the go-to operating system for PC manufacturers
- Windows 10 will no longer be supported after a certain date
- New hardware and software is often designed to work with the latest versions of Windows
- <https://youtu.be/LNX112C7SOA?si=pmlwQCdSMTP-TO6K>

Do what you dream with the power of AI



DESIGNED TO ENHANCE YOUR PC EXPERIENCE AND PRODUCTIVITY, THESE FEATURES MAKE WINDOWS 11 MORE INTUITIVE AND MORE POWERFUL.



FROM PRODUCTIVITY AND CREATIVITY APPS TO ADVANCED AI TOOLS THAT MAKE THINGS MORE ACCESSIBLE, THESE FEATURES WILL HELP YOU DO MORE THAN YOU COULD IMAGINE.



[HTTPS://WWW.MICROSOFT.COM/EN-US/WINDOWS/AI-FEATURES](https://www.microsoft.com/en-us/windows/ai-features)

AI in Windows

11

Productivity

- Time is limited. That's why Copilot is always there with the intelligent assistance you need.

Everyday

- Knowledge is power, and Copilot can get it to you faster.

Education

- Get support as you learn with AI tools across your Microsoft apps.

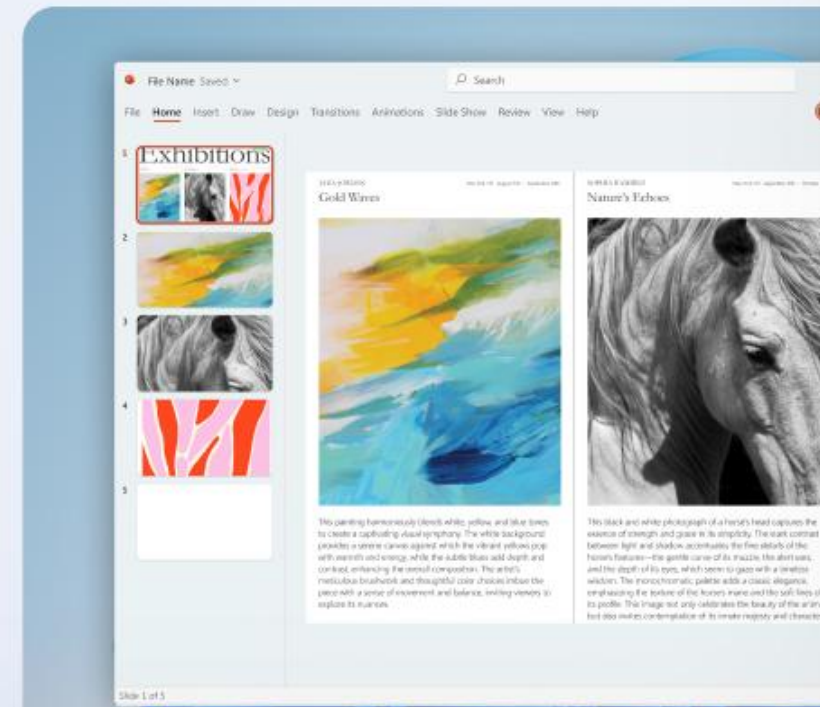
Creativity

- Make art with your vision and the help of AI creativity to match your ability.



Focus on what matters

- Copilot does the rest.
- With detailed prompts like, “Draft an informal email about...” or “Catch up on missed items,” you can get more done and keep things on track with the help of AI and Microsoft 365.
- Presenting to a group? Ask Copilot what font is most legible.
- Need help organizing your PowerPoint? Copilot can do that, too.



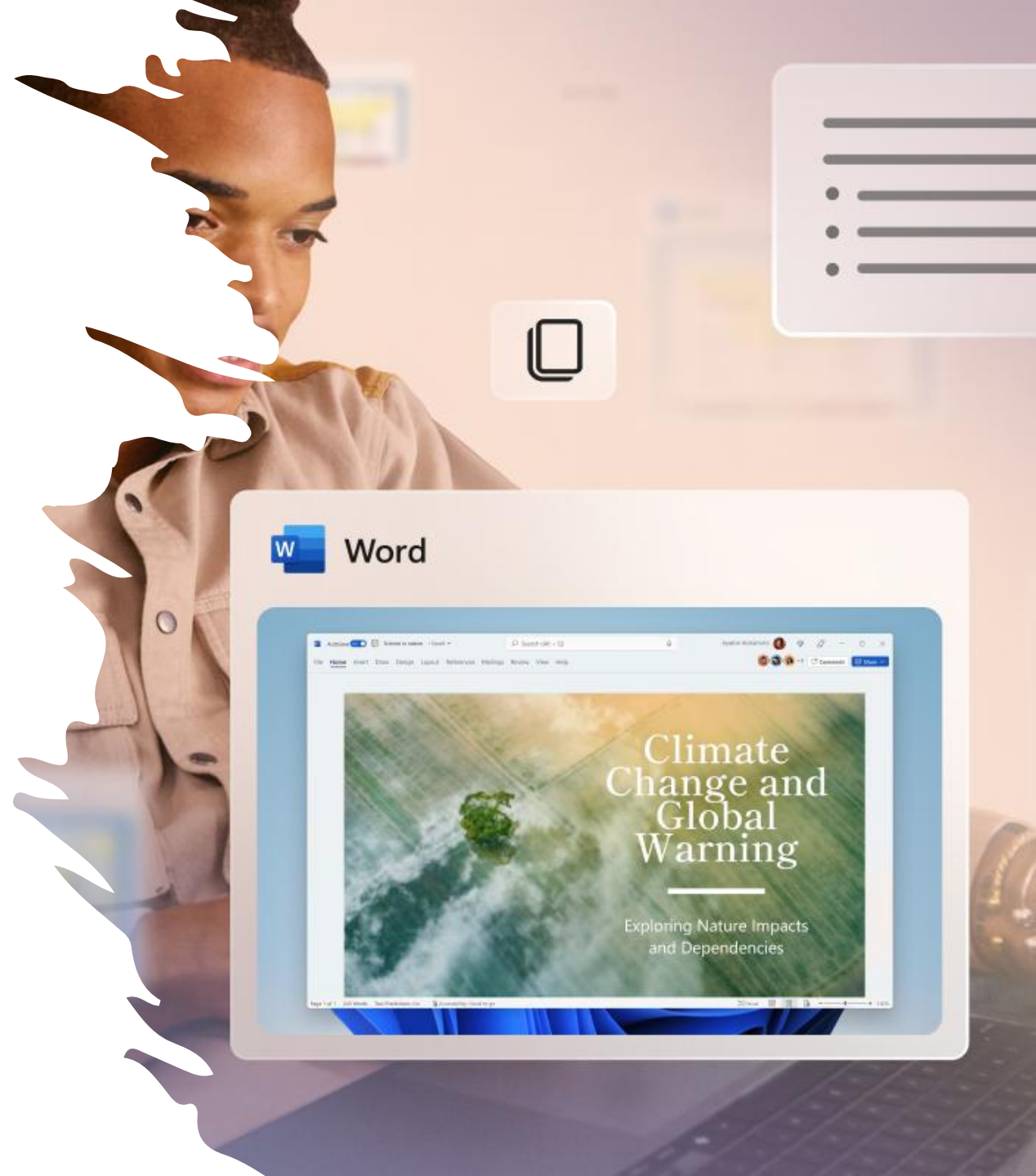


Everyday tasks made easier

- Use Copilot to help you plan, book, and prepare for a family getaway with text or voice prompts like, "What's a family-friendly hotel in Aspen?" After your trip, use Clipchamp or Video Editor to curate your digital memories into treasured keepsakes.

Support learning with powerful tools

- Get help when studying or with test prep using AI features in Microsoft 365. Simply use suggested prompts in Copilot or specific asks like, "Help me plan my study sessions to prepare for my Spanish test in two weeks" or "Summarize the key points from this research paper on climate change."



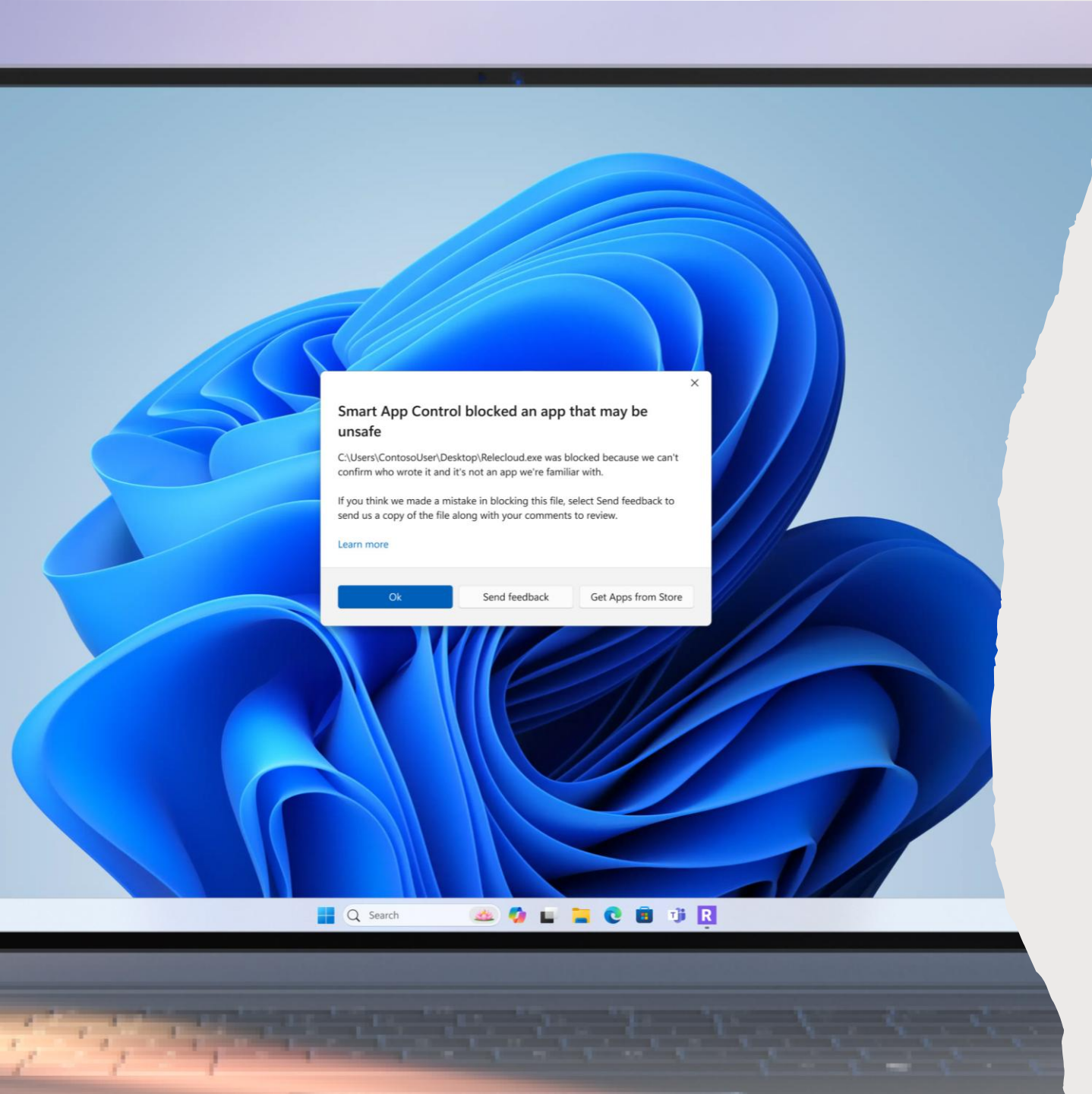
Turn ideas into digital art



- Create and edit images like a pro. With AI tools in Paint like Image Creator and Background Removal, you can generate and iterate images with a prompt or edit existing photos to remove a background and isolate subjects.
- **Generative erase**
- Remove elements from a photo like they were never there with Generative erase.

Smart App Control

- With the predictive power of AI, Smart App Control can predict which apps are safe to run on Windows 11.



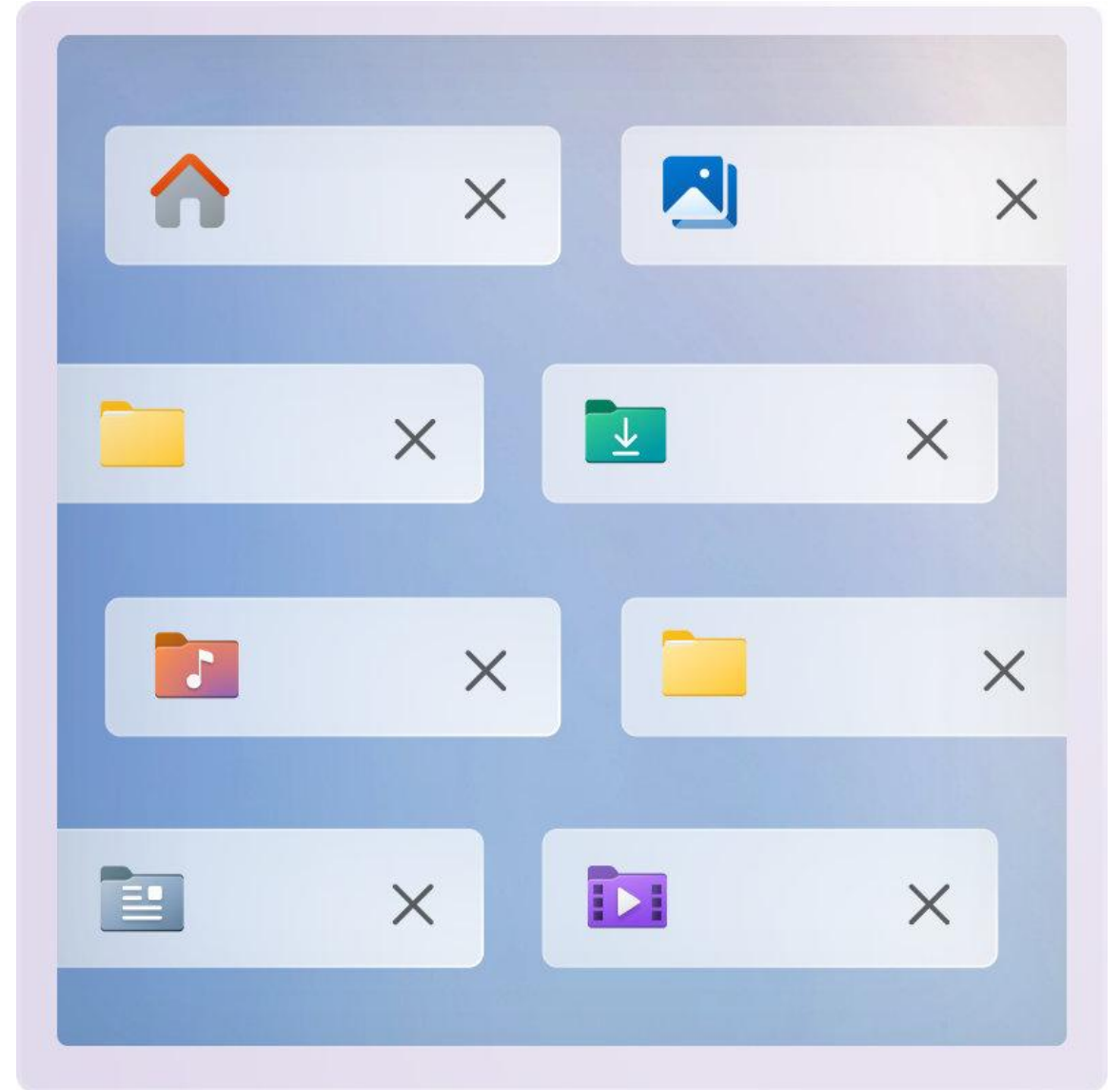
Microsoft Copilot

Always on hand to help you do what you do like a pro, Copilot is your AI companion



All your files in one place

- Finding a file shouldn't be hard. File Explorer in Windows puts all your files and folders in one place. There, you'll find recommended, favorite, and recent files you've used and the autocomplete feature that predicts your next moves to speed up everyday tasks.



File Explorer

- Finding the file you need to work on shouldn't be work itself. File Explorer in Windows makes it easier to find and access files.

Pin your favorite folders

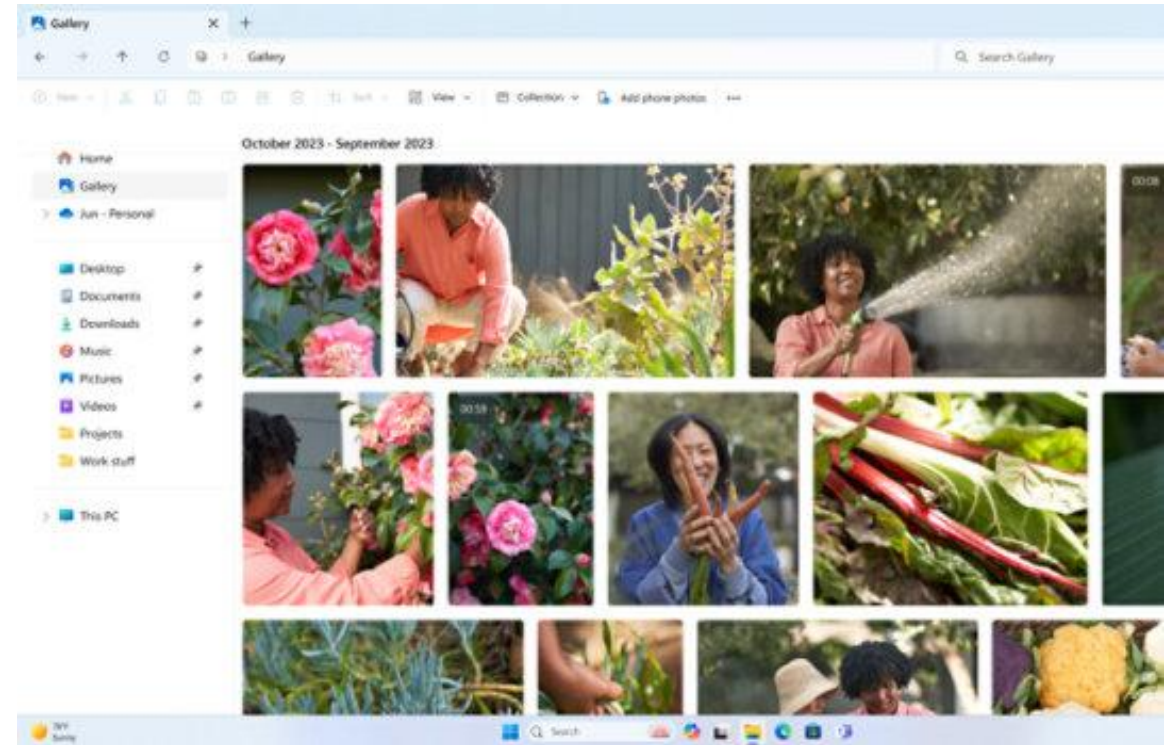
- Pin your favorite folders in File Explorer so you can find them quickly. Just right-click the folder and select **Pin to Quick access**.

Get to your files faster

- Press Windows logo key + E to open File Explorer and find the files and folders you need, including those on OneDrive.
- You can use Tabs in File Explorer to switch between folders quickly. Use the Ctrl + T hotkey to add a new tab.

A new way to browse your photos

- Add photos from your phone, your PC, and cloud storage to File Explorer's Gallery to browse them all in one place.



Record what's on your screen

- If it's on your screen, you can capture or record it with Snipping Tool and Screen Recorder. Just click, drag to frame your shot, and you've got it.

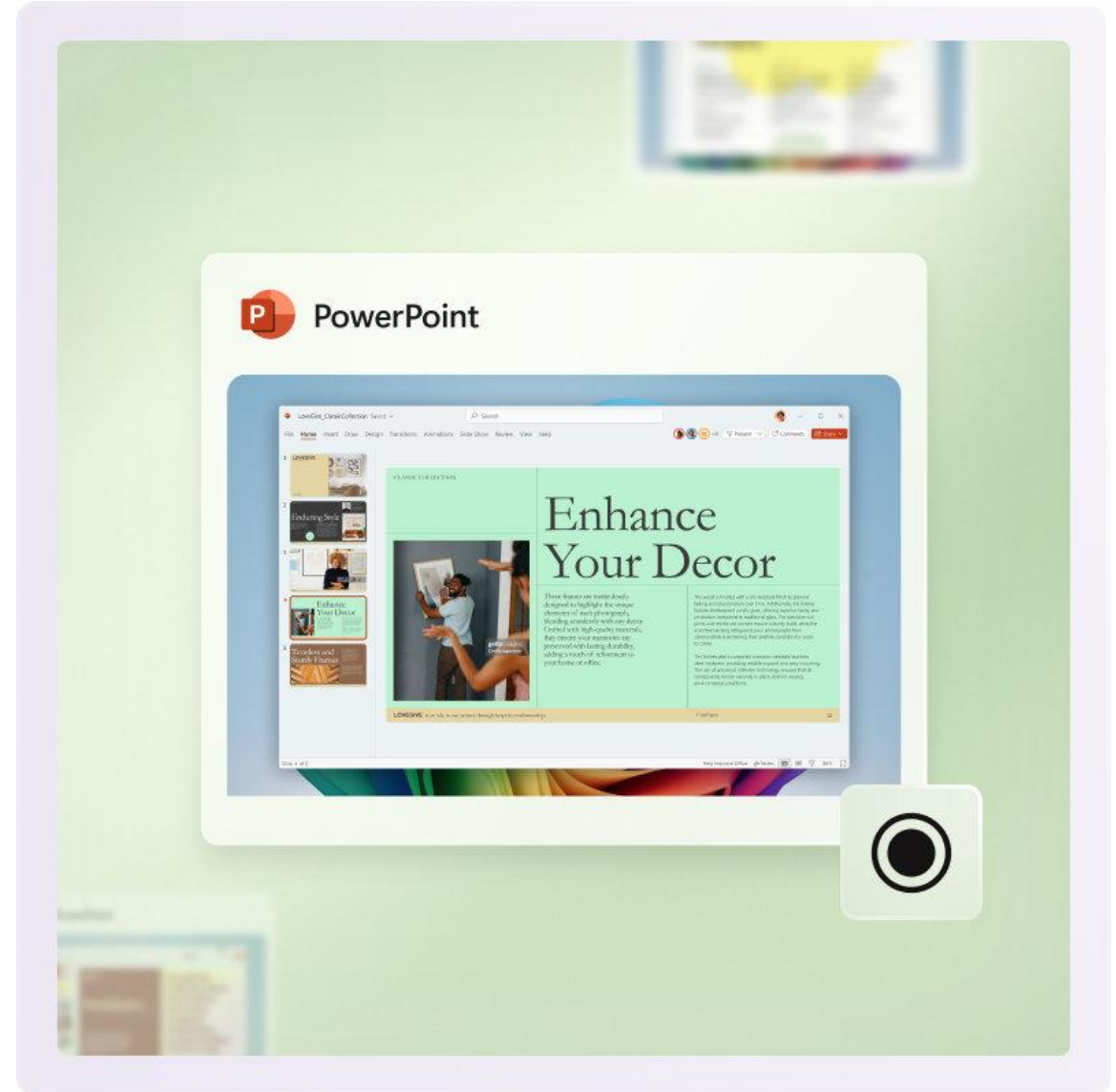


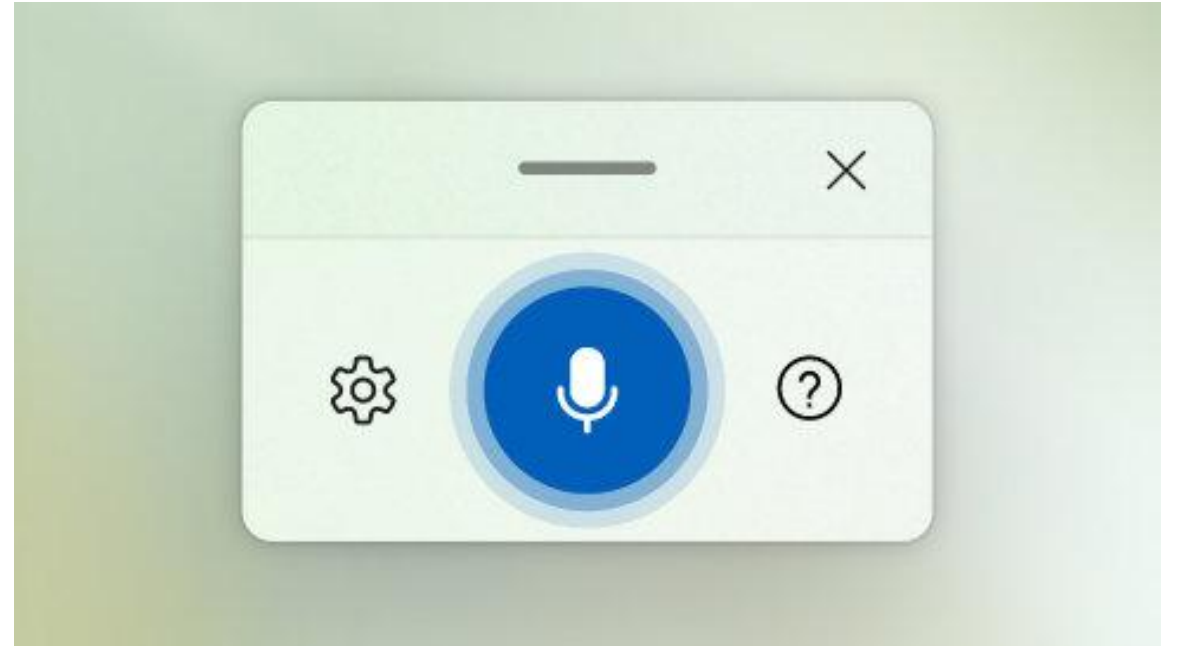
Photo and movie editing

- Preserve, edit, and manage your memories with Windows 11 Photos app and AI-powered Clipchamp



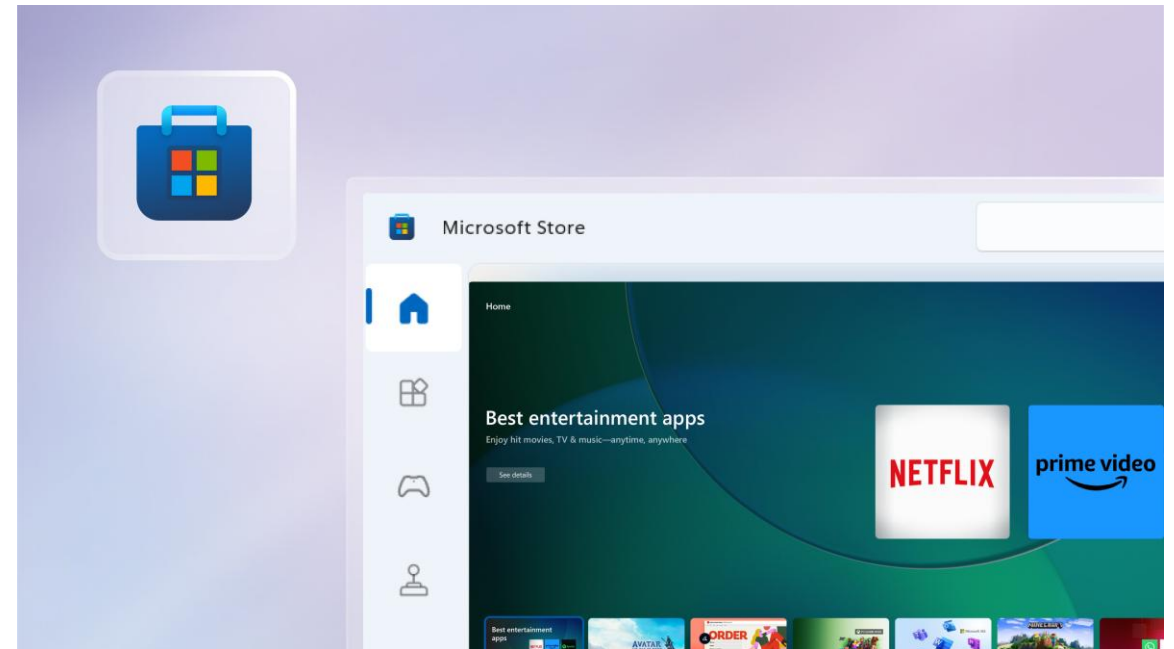
Touch, Voice, Pen

-
- Work the way you work best with voice navigation and typing, touch gestures, and digital pen input



Apps

-
- Customize your computer with apps for creativity, productivity, and a whole lot of fun in the Microsoft Store.



Connect your PC and your phone

- Get seamless interactions between your mobile device and your Windows 11 PC with Phone Link. Connect your Android™ or iPhone devices to view and manage notifications, send and receive messages, or make or take calls right from your PC.



Time-saving tools

- Bring out your best ideas with Snap layouts. With Snap you can quickly organize what's on your screen and customize layouts so you can easily find what you need and improve your productivity.



It's a new era for security

- In this new era of AI, you don't have to choose between having inspiring technology and peace of mind. You can have both. Your Windows 11 PC brings layers and layers of security measures to help keep your digital life in safe hands—yours.



Trust your apps

-
- With the power of AI, **Smart App Control** can help predict which apps are safe to run on Windows 11.



Your data protected

-
- Harder to hack and easier to update, PCs with Microsoft Pluton have the ultimate security processor built right in.



You are the security

-
- Windows 11 can lock your device when you leave, then, with Windows Hello, unlock it and sign you back in when you return.



Your privacy matters

Maintain your privacy wherever you are with Windows 11 security features that help protect what matters to you across your devices.

Microsoft Account

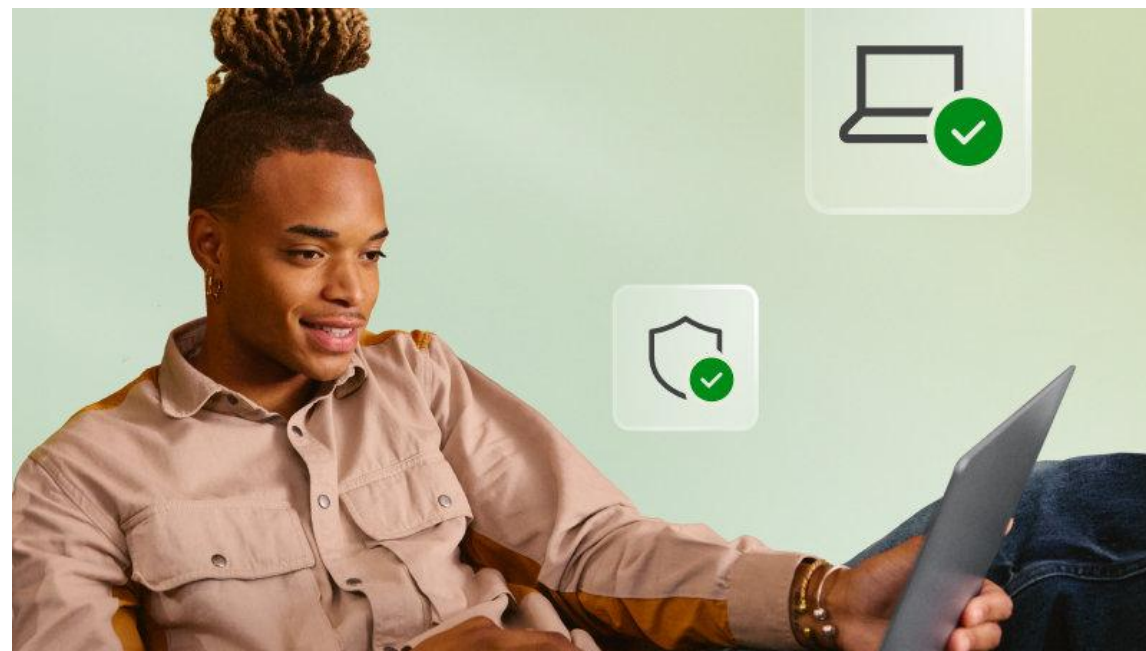
- From your PC to the cloud, online or on the go, your Microsoft account helps protect your identity and data.

Privacy Dashboard

- Easily adjust settings and permissions in your Privacy Dashboard, like which apps are using your camera, mic, or location.

Find My Device

- Locate, lock, or erase your device to protect your personal information and data if it's lost or stolen.



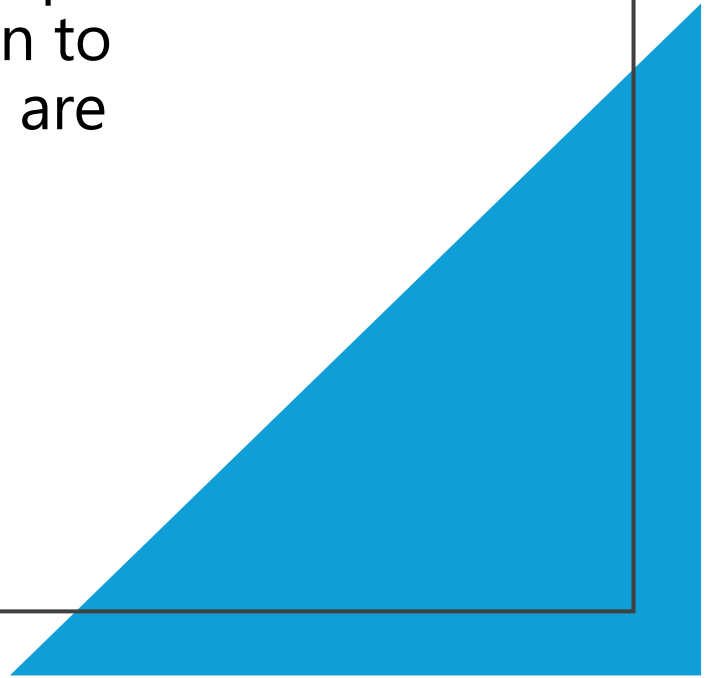
Your identity secured

- Step up your security with identity protections that keep what's yours, yours.
- **Windows Hello**
- No more passwords to remember. Just sign into your Windows devices with facial recognition or your fingerprint.
- **Microsoft Authenticator**
- Easy, secure sign-ins for all your online accounts using multifactor authentication, passwordless phone sign-in, or password autofill.
- **Passkeys**
- Forget the password. Get fast, easy, and secure sign-in and protection against phishing for your online accounts.



Security from every angle

- Windows 11 PCs deliver layers of security to help keep bad actors at bay. From malware and data protection to trustworthy apps, your credentials, photos, and files are protected.





Microsoft Defender Antivirus

- A next-generation protection solution that comes with Windows 11, Microsoft Defender Antivirus is real-time, always-on antivirus protection



Microsoft Defender SmartScreen

- If a website, application, or download is potentially malicious and could harm your computer, SmartScreen will warn you.



Windows Firewall

- With Windows Firewall, unwanted traffic is blocked from entering your PC.



Bluetooth protection

- Whether you're using Bluetooth headsets, mice, keyboards, or other wireless accessories, you can feel confident that it's a secure connection



Secure Wi-Fi

- Windows Wi-Fi supports industry standardized authentication and encryption methods, to help keep you safe no matter where you connect—even on public networks.



Virtual private networks (VPN)

- A VPN, or virtual private network, is a secure tunnel connecting your PC and the internet. A variety of VPN apps are available in the [Microsoft Store](#).

Safety where you need it



All Microsoft Store apps are verified for security, so you can trust what you install.





Family Safety

- Manage your family's digital safety with screen time limits, content filters, activity monitors, and location sharing.



Microsoft Edge

- Built-in security features help fend off online threats as you safely browse the web with Microsoft Edge.



OneDrive

- Cloud-based file and photo protection helps you securely store, share, and sync your stuff across devices.⁷



Microsoft Defender

- Microsoft Defender works with Windows Security to protect your PC and gives you advanced protection across devices.



Welcome to Windows 11

- Introduction to the new era of Windows
- Sleek design and improved functionality
- Enhanced user experience for productivity and entertainment



New and Modern User Interface

Centered Start Menu and Taskbar

Rounded corners and fluid animations

Snap Layouts and Snap Groups for multitasking



Performance and Security

- Faster boot times and improved efficiency
- Built-in Microsoft Defender for enhanced security
- Trusted Platform Module (TPM) 2.0 requirement for better protection

Productivity Features



Microsoft Teams
integration for seamless
communication



Virtual desktops for
organized workflows



Widgets for quick
access to news,
weather, and tasks



Gaming and Entertainment

- AutoHDR and DirectStorage for better gaming experience
- Xbox Game Pass integration
- Improved graphics and audio support

Compatibility and System Requirements



Minimum system requirements for Windows 11



Compatibility check using PC Health Check tool



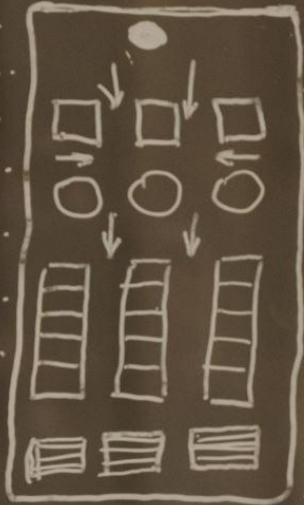
Support for newer hardware and software

Microsoft's official minimum Windows 11 system requirements include:

- **CPU:** 1 GHz with two or more cores on a 64-bit processor
- **Memory:** 4 GB
- **Display:** Measures 9 inches diagonally and high definition (720 p)
- **Storage:** 64 GB
- **Graphics Card:** DirectX 12 with WDDM 2.0 driver compatibility
- **Security:** TPM 2.0, UEFI, Secure Boot
- **RAM:** 4 GB
- <https://www.mtlc.co/eight-important-steps-before-installing-windows-11/>

Windows 11 vs Windows 10

- Key differences and improvements
- Enhanced touch, pen, and voice input
- Why upgrade to Windows 11?



Conclusion



Summary of Windows 11 benefits



Encouragement to upgrade for a better experience



Resources for further information