

What's New in Windows 11 2024 Update

Key Features and Improvements

Generated by CoPilot

Changes/Problems

- The AI function Recall is no longer included
- 22H2 will not install if your PC does not fulfil the Windows 11 requirements
- AI assistant will be an app in the Microsoft store
- There have been some problems on PC's with some SSD drives causing BSODs
- The update leaves 9GB of undeletable space on your C: drive. Microsoft is working on a fix

New Features

HDR Background Support

Description: Windows 11 now supports HDR backgrounds, enhancing visual quality.

Benefits: Improved color accuracy and vibrancy for supported displays

Energy Saver Enhancements

- **Optimized System Performance:** Enhancements that improve overall system responsiveness and efficiency.
- **Battery Life Improvements:** Updates that help extend battery life on laptops and tablets.

AI-Powered Capabilities

Description: Introduction of new AI features like Windows Copilot Runtime, Live Captions, and Voice Clarity.

Benefits: Improved accessibility and user experience.

Wi-Fi 7 Compatibility

Description: Support for the latest Wi-Fi 7 standard.

Benefits: Faster and more reliable wireless connectivity.

Accessibility Features

- **Voice Access:** A new feature that allows users to control their PC using voice commands. This is particularly useful for users with mobility impairments.
- **Live Captions:** Automatically generated captions for any audio content, making it easier for users with hearing impairments to follow along.

Rust Integration in Windows Kernel

Description: Switching from C to the Rust programming language in the Windows kernel for enhanced security and performance.

Benefits: Reduced vulnerabilities and improved system stability.

Improved Hearing Aid Support

Description: Enhanced support for Bluetooth LE Audio, including hearing aids.

Benefits: Better audio quality and connectivity for users with hearing aids.

Gaming Performance Improvements

Description: Better gaming performance on certain GPUs and CPUs.

- **Improved Performance and Latency:** Enhancements to DirectStorage and Auto HDR improve game loading times and visual quality, providing a smoother gaming experience.
- **New Gaming Features:** Features like the new Game Bar and improved Xbox app integration make it easier to access gaming settings and connect with friends.

Enhanced File Explorer

Description: Redesigned File Explorer with a modern look and improved functionality.

- **Better integration** with OneDrive, and a new preview pane.
- **Tab Support in File Explorer:** Users can now open multiple tabs within a single File Explorer window, similar to a web browser. This makes file management more efficient.
- **Redesigned Interface:** The File Explorer interface has been updated for a more modern and streamlined look, improving usability and aesthetics.

Taskbar Improvements

Description: New customization options for the taskbar.

- Ability to hide the taskbar when not in use, new icons, and improved touch support
- **Drag and Drop Support:** The taskbar now supports drag and drop functionality, making it easier to manage open applications and files.
- **Improved Quick Settings:** Quick Settings have been enhanced for better accessibility and customization, allowing users to quickly adjust settings like volume, brightness, and network connections.

Start Menu Enhancements

- **App Folders in Start Menu:** Users can now create folders in the Start menu to organize apps more efficiently. This feature allows for better customization and a cleaner look.
- **Resizable Pinned Area:** The pinned area in the Start menu can now be resized, giving users more control over their Start menu layout.

Security Updates

Description: New security features to protect your data.

Enhanced Security Features: New security measures have been implemented to protect against the latest threats, including improved encryption and secure boot processes. Enhanced phishing protection, improved firewall settings, and better encryption options.

Improved Threat Protection: Advanced threat protection features help detect and mitigate potential security risks more effectively.

Virtual Desktops

Description: Improved virtual desktop experience.

Features: Customizable backgrounds for each desktop, easier switching between desktops, and better multi-monitor support