

Windows 11 24H2 KB5058411 (Build 26100.4061): Everything You Need to Know

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In brief

Microsoft released the KB5058411 cumulative update for Windows 11 24H2 on May 13, 2025 as part of its regular Patch Tuesday rollout.

Microsoft released the KB5058411 cumulative update for Windows 11 24H2 on May 13, 2025 as part of its regular Patch Tuesday rollout. This mandatory update brings critical security improvements, AI-powered features, and various performance and interface enhancements, especially for devices running on Copilot+ PC hardware.

Whether you're a casual user or an IT admin, this guide provides all the key details about the update, its new features, known issues, and tips for installation and troubleshooting.

Key Security Fixes in KB5058411

This update addresses 134 vulnerabilities, including critical flaws in core Windows components. These fixes cover:

- Remote Code Execution (RCE) vulnerabilities in Windows Kernel and TCP/IP stack
- Privilege Escalation bugs in Remote Desktop Services and Windows Installer
- Denial-of-Service (DoS) issues in HTTP.sys and SMB
- Information Disclosure flaws in Windows DNS and WebRTC
- Cross-Site Scripting (XSS) in Microsoft Edge components

Quote: All actively exploited vulnerabilities have been patched, making this a must-install for users concerned about system security.

AI-Powered Enhancements (Copilot+ Exclusive)

If you own a Copilot+ PC-devices powered by high-performance NPUs (40+ TOPS)-you'll unlock several AI-based productivity tools after installing this update.

1. Recall (Preview Feature)

- Functions like a "photographic memory" for your PC.
- Automatically takes periodic screenshots of activity.
- Allows users to search and "rewind" their PC usage using natural language.
- All data is stored and processed locally to preserve privacy.

2. Enhanced Windows Search

- Uses semantic indexing to deliver faster, AI-powered results.
- Makes it easier to find settings, apps, and files through on-device inference.

3. Copilot+ PC AI Ecosystem

Other AI features supported on Copilot+ PCs include:

- Cocreator (image generation)
- Studio Effects (webcam enhancements)
- Auto Super Resolution (improved gaming visuals)
- Live Captions (real-time subtitles)
- Improved privacy via local-only AI processing

System Improvements and Bug Fixes

Aside from AI features, KB5058411 brings a wide range of stability and usability enhancements, including:

UI & Performance

- Faster response when clicking on the File Explorer toolbar
- Microphone issues fixed: audio no longer mutes randomly
- Fixed app launch problems with the Eye Control tool

Taskbar & System Tray

- Resolved explorer.exe crashes and BSODs during upgrades
- Enhanced Windows Update reliability through Servicing Stack Updates (SSU)

App Compatibility & Connectivity

- Improved Phone Link sync performance and stability
- Updated Secure Boot Advanced Targeting (SBAT) to enhance compatibility with Linux-based systems

Known Issues and Workarounds

Despite its benefits, some users reported post-update issues. Here's a summary of the known problems and how to fix them:

Issue: Blurry Chinese/Japanese/Korean text | Description: Affects Chromium browsers at 100% scaling (96 DPI) | Workaround: Increase scaling to 125% or 150%

Issue: BSOD on login | Description: Occurs after in-place upgrades | Workaround: Uninstall KB5058411 or perform a clean install

Issue: Missing Print to PDF | Description: "Microsoft Print to PDF" printer driver not available | Workaround: Use DISM to re-enable feature manually

Issue: Update installation errors | Description: Common error codes: '0x800f081f', '0x80070002', etc. | Workaround: Download MSU manually or use Media Creation Tool

Issue: File Explorer unresponsive | Description: Toolbar buttons don't work; app may crash | Workaround: Rollback update or install optional preview update 'KB5062660'

Installation Methods

There are multiple ways to install KB5058411 depending on your preference:

Via Windows Update (Recommended)

- Go to Settings -> Windows Update -> Check for updates
- Update will automatically install as it's marked mandatory

Manual Installation (.MSU File)

- Download the correct version (x64 or ARM64) from the Microsoft Update Catalog
- Install using the following command in an elevated Command Prompt
'wusa.exe "C:\\Path\\To\\windows11.0-kb5058411-x64.msu" /quiet /norestart'

If Update Fails: Use DISM & SFC

Run the following commands to fix update-related corruption: 'DISM /Online /Cleanup-Image /RestoreHealth sfc /scannow'

How to Rollback the Update

If the system becomes unstable:

1. Go to Settings -> Windows Update -> Update History
2. Click Uninstall Updates
3. Select KB5058411 and click Uninstall

Conclusion: Should You Update?

KB5058411 is more than just a routine security patch-it's a step forward in integrating AI-powered capabilities within Windows 11. For those using Copilot+ PCs, this update unlocks next-gen experiences like Recall and semantic search. For others, the security improvements alone make it essential.

Quote: Our Recommendation: Install the update after backing up your system. If stability is crucial for your workflow, wait for feedback or the optional preview release (KB5062660) before proceeding.

If privacy is a concern regarding Recall, it can be disabled anytime via:

- Settings -> Privacy & Security -> Recall & Snapshots , or
- DISM command-line tool

Stay informed, stay updated-because your system's security and performance should never be left behind.