

# Sun City Computer Club

Windows SIG

October 8, 2024

**Questions, Comments, Suggestions welcomed at  
any time**

**Even Now**



- [Audio Recording of this session](#)
- Use the link above to access MP4 audio recording
- Audio Recording in Progress
- SIG attendees are required to be members of the chartered club sponsoring that SIG.  
Sun City Community Association By-law
- Sig leader – anyone?
- **My last Windows SIG as leader December 2024**
- Topic Suggestions – plea(se)
- Your suggestions future presentations
- In person meetings carbon footprint Inclusion
- Computer Club Vimeo Account
- CA Vimeo Account



You're up to date

Last checked: Today, 2:01 PM

Check for updates

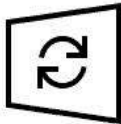
 2024-09 Cumulative Update Preview for Windows 11 Version 23H2 for x64-based Systems (KB5043145) is available. 

Download & install

- winver 22631.4249
- winver 22631.4317

# Windows 11 23H2 preview

# Windows Update



## Updates available

Last checked: Today, 12:15 PM

Security Intelligence Update for Microsoft Defender Antivirus - KB2267602 (Version 1.419.402.0) - Current Channel (Broad)

**Status:** Installing - 0%

Windows Malicious Software Removal Tool x64 - v5.129 (KB890830)

**Status:** Downloading - 9%

2024-10 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 for x64 (KB5044091)

**Status:** Downloading - 12%

2024-10 Cumulative Update for Windows 10 Version 22H2 for x64-based Systems (KB5044273)

**Status:** Downloading - 0%

# Windows 10 Update

# Windows Update



## Updates available

Last checked: Today, 12:11 PM

Download & install all

2024-10 Cumulative Update for .NET Framework 3.5 and 4.8.1 for Windows 11, version 23H2 for x64 (KB5044033)	Downloading - 5%
2024-10 Cumulative Update for Windows 11 Version 23H2 for x64-based Systems (KB5044285)	Downloading - 0%
2024-10 .NET 6.0.35 Security Update for x64 Client (KB5045998)	Downloading - 16%
Windows Malicious Software Removal Tool x64 - v5.129 (KB890830)	Downloading - 6%

# Windows 11 Update

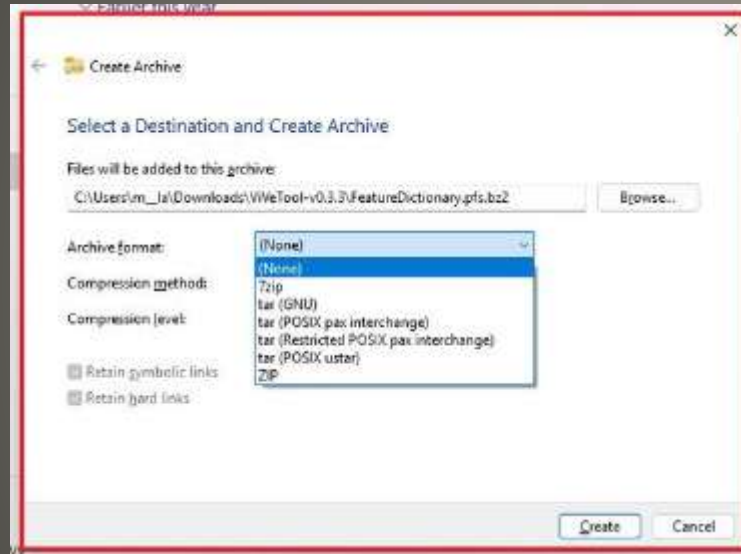
- Windows 11
- 104 flaws, 3 actively being exploited
- 12 critical
- Windows 10
- 9 flaws
- Mandatory
- Windows Update opt-in notification

**October 2023 Patch Tuesday**

- Microsoft Office LTSC 2024  
GA Oct 1 no updates no Internet required
- OneDrive ??
- Windows 11 24H2 arm64 ISOs later
- Media Creation Tool

# Microsoft News

- File Explorer  
Compression Wizard  
Compression Tar, 7Zip



# Windows 11 24H2



- File Explorer Context Menu update icons and names

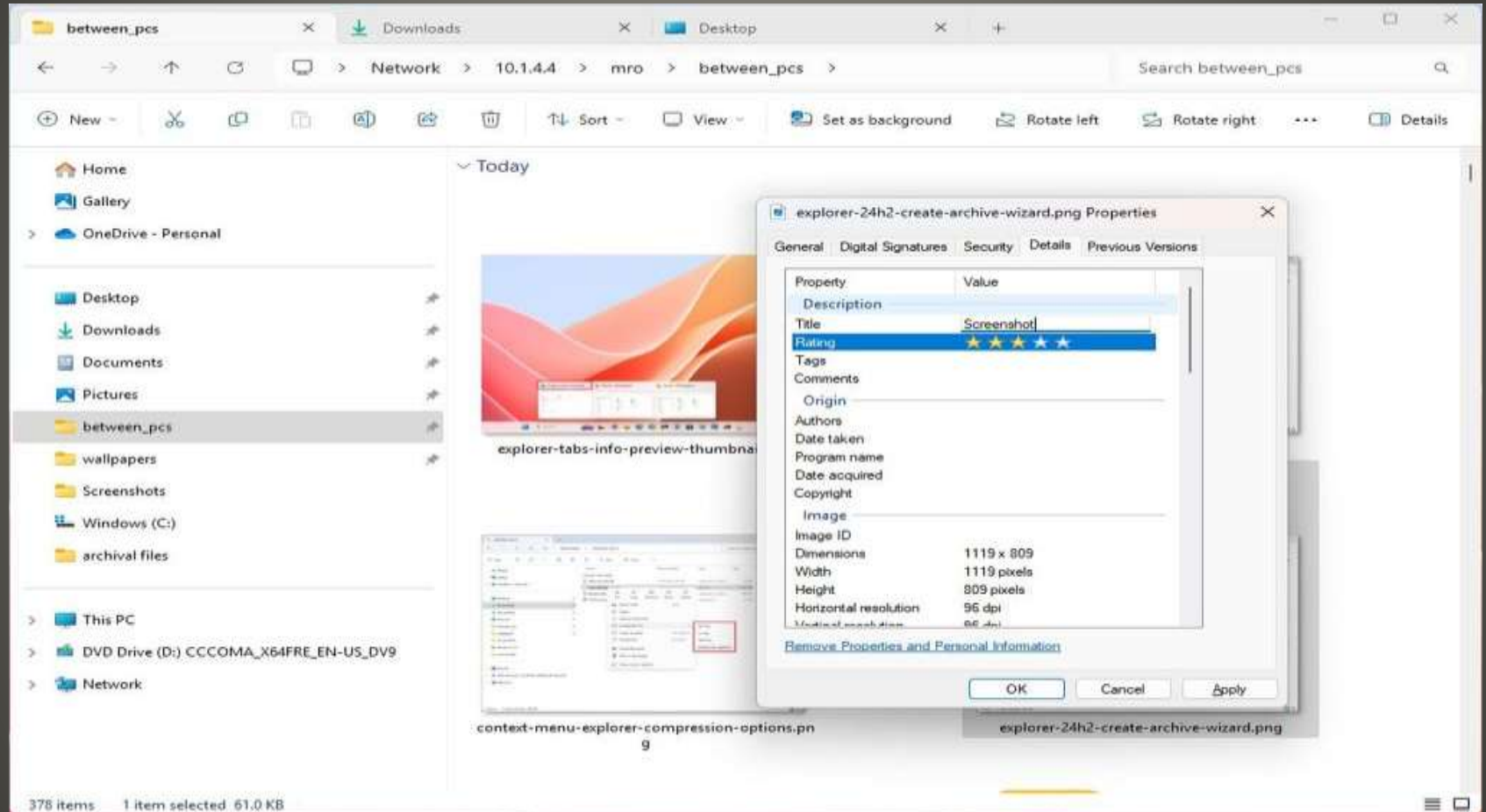


- Thumbnail previews change  
Name of Tab in focus, number of tabs

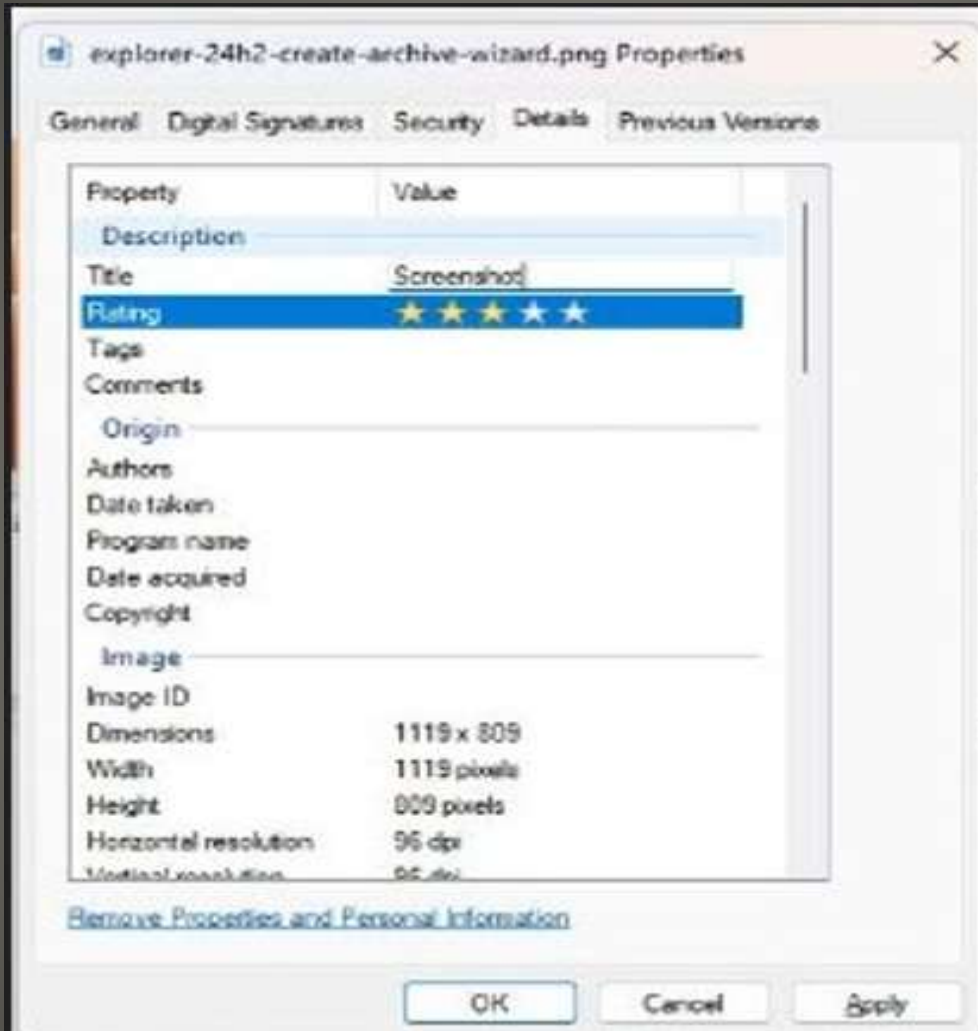


**Windows 11 24H2**

- PNG metadata support

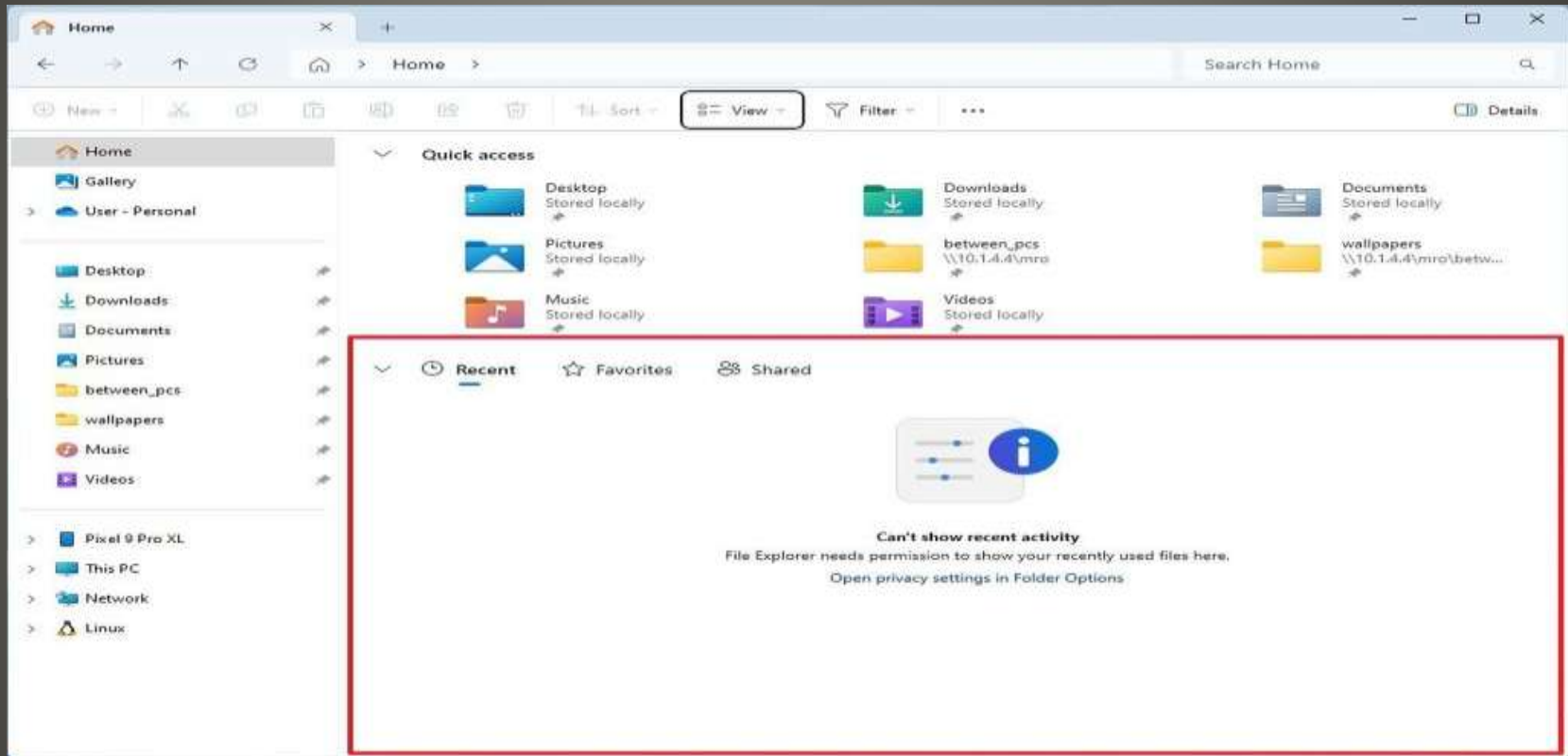


# Windows 11 24H2



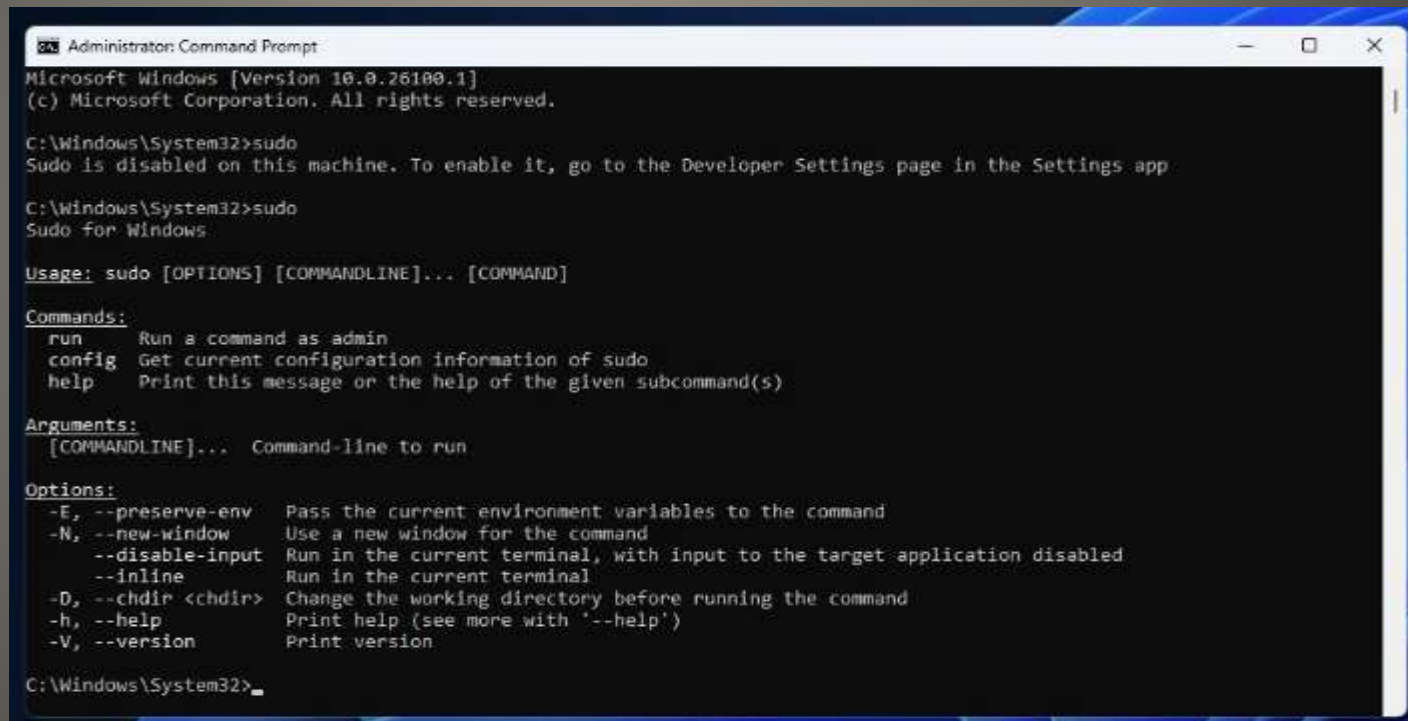
# PNG Metadata

- File Explorer Home section revamp
- Combining Favorites & Recent creating tabs



# Windows 11 24H2

- Vendor ISOs being prepared
- Driver guidelines published
- BitLocker encryption
- “OOBE\BypassNRO” command
- sudo



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.26100.1]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>sudo
Sudo is disabled on this machine. To enable it, go to the Developer Settings page in the Settings app.

C:\Windows\System32>sudo
Sudo for Windows

Usage: sudo [OPTIONS] [COMMANDLINE]... [COMMAND]

Commands:
  run      Run a command as admin
  config   Get current configuration information of sudo
  help     Print this message or the help of the given subcommand(s)

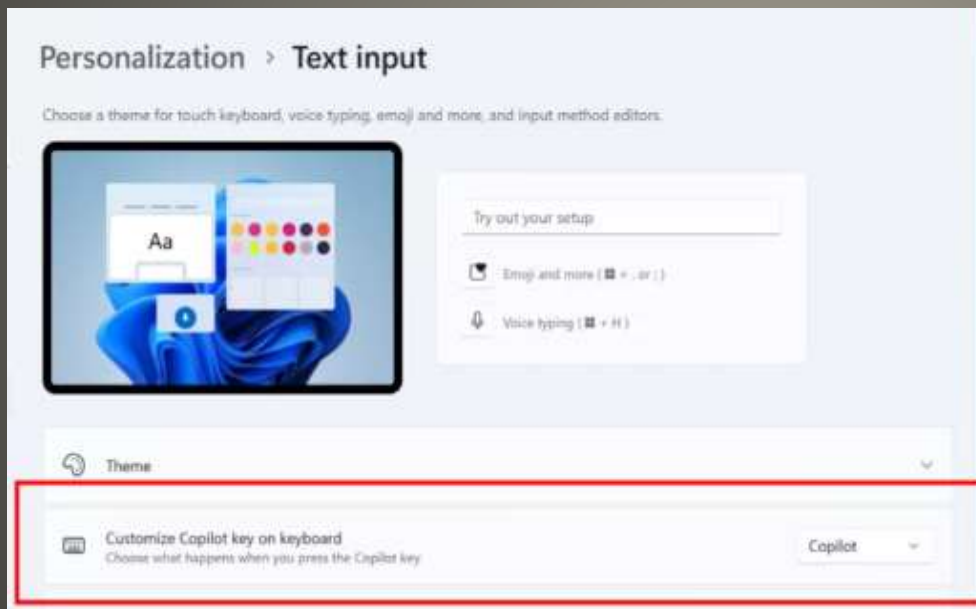
Arguments:
  [COMMANDLINE]...  Command-line to run

Options:
  -E, --preserve-env  Pass the current environment variables to the command
  -N, --new-window    Use a new window for the command
  --disable-input     Run in the current terminal, with input to the target application disabled
  --inline            Run in the current terminal
  -D, --chdir <chdir> Change the working directory before running the command
  -h, --help          Print help (see more with '--help')
  -V, --version       Print version

C:\Windows\System32>
```

# Windows 11 24H2

- Want to remap?
- BUT
- Only MSIX Signed app

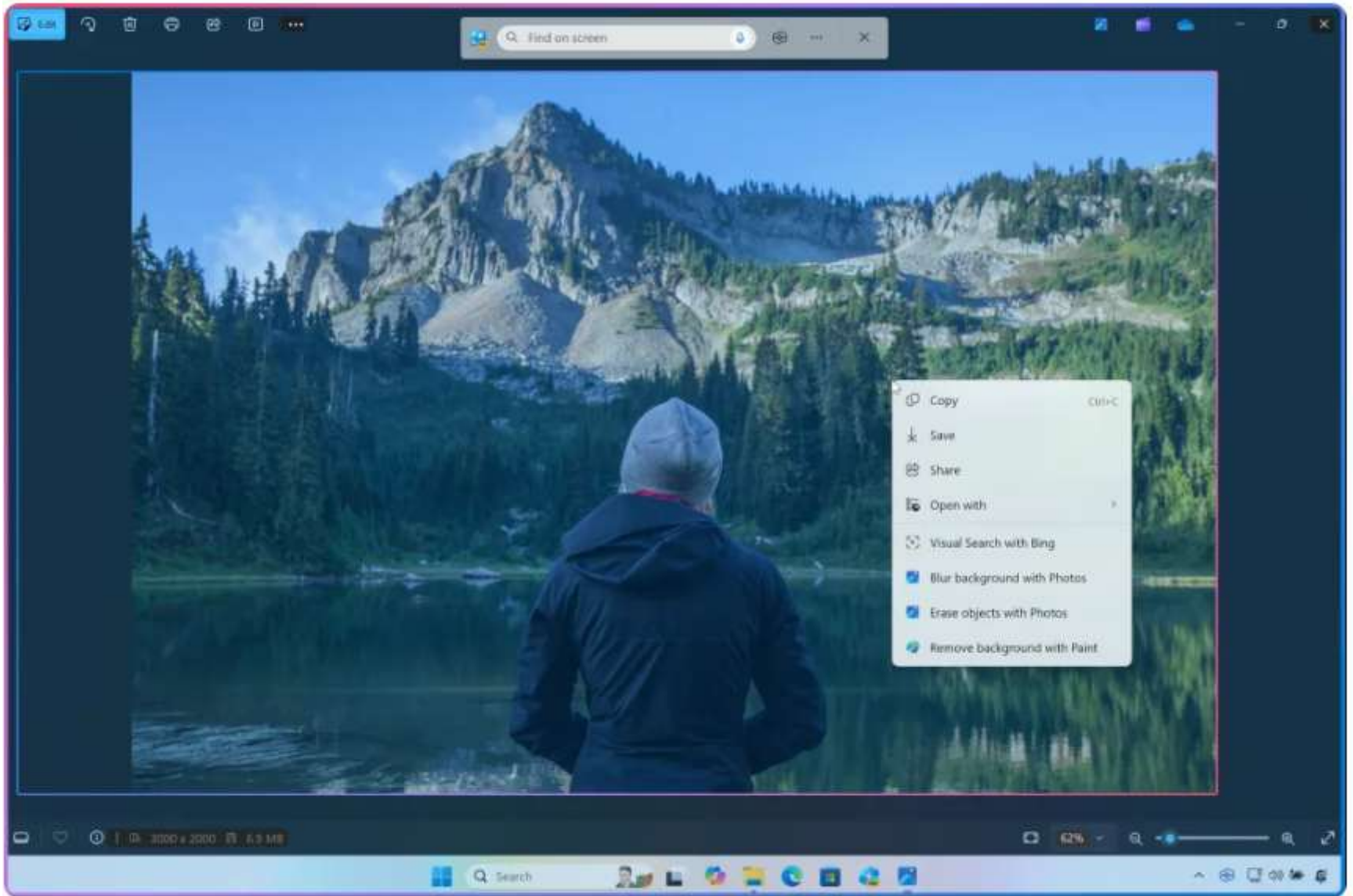


**Copilot key on keyboard**



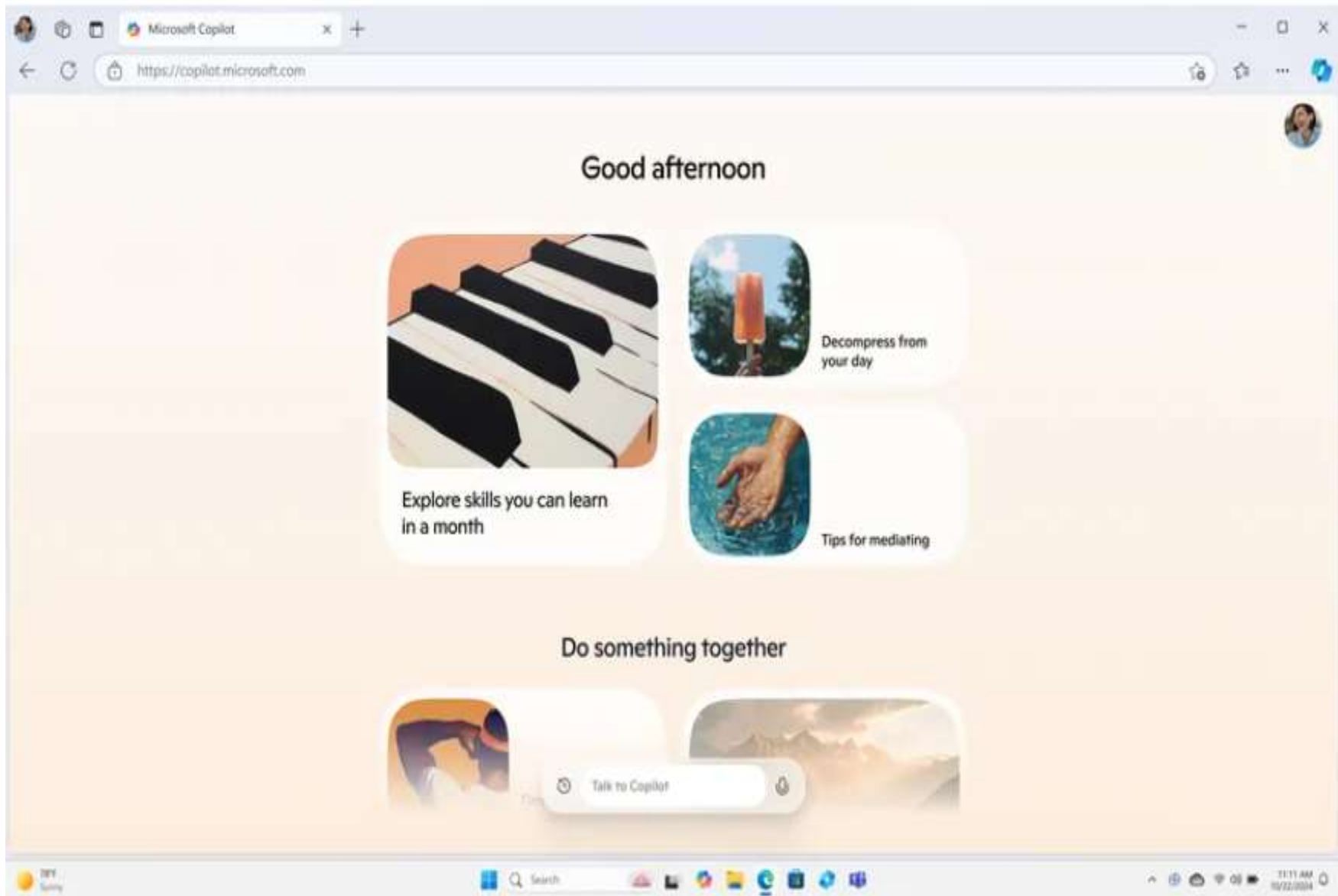
- Context aware *Click to Do*
- Windows Search
- Upscale photos to 8K
- AI edits images – add or erase objects
- Copilot Vision - ask about Edge browser screen
- Virtual news presenter
- Talk to AI
- Copilot experience - based on conversation history
- Copilot Daily news & weather from providers giving permission
- Think Deeper
- Recall – security added
- Copilot.Microsoft.com

## Microsoft AI for Windows PCs



Microsoft's new Click to Do option provides you with a context sensitive toolbox for taking actions related to what you're viewing on your screen. (Image: Microsoft) · (Microsoft)





*The redesigned Copilot experience on the web. Image: Microsoft*



# Copilot Vision

Microsoft Outlook

Search



Share

Hnbl8YHj2pIkAe86arI\_Be1423321f9e4d...

Download

Full screen

Print

Show email



You're about to browse with  
Copilot Vision

Copilot will see what you see and  
respond to anything you ask aloud.  
Your conversations are kept private.  
To stop sharing your screen, exit  
Copilot Vision.

[Privacy Statement](#)

Continue

Not now



0:03 / 1:08



YouTube



- Gemini Live & ChatGPT Voice
- Copilot Voice
  - multi-turn conversations and respond to emotions
  - Add-on microphone with mute switch
  - 4 different voices
  - 3 methods: app, site, windows
  - free

## Copilot Voice



## Additional settings



- ☐ Show the Windows welcome experience after updates and when signed in to show what's new and suggested
- ☐ Suggest ways to get the most out of Windows and finish setting up this device
- ☐ Get tips and suggestions when using Windows

**Settings > System > Notifications**

- Microsoft blocking 24H2 update
- Asphalt 8
- Easy Anti-Cheat

**Windows 11 24H2 gaming**

- Some reported performance gains
- Microsoft: full OS swap

**Windows 11 24H2**

- VHD-based Dev Drive utilizing ReFS


Resilience File System

Block Cloning feature

Reduces disk space

faster copy/move/modification

# Windows File System

 Getting too much email?

[Unsubscribe](#)

[Manage subscriptions](#)

# New Outlook



- Dev Drive is a new storage volume designed specifically for developers, offering enhanced performance, security, and control
- . It's built on the Resilient File System (ReFS) and includes optimizations to improve file I/O performance, which can be particularly beneficial for tasks like building and compiling code
- Here are some key features of Dev Drive:
  - Performance: Dev Drive provides up to 30% better performance for developer workloads compared to standard Windows file systems
  - Security: It integrates with Microsoft Defender Antivirus in a performance mode to ensure that security measures do not hinder performance
  - Control: Dev Drive offers more control over storage volume settings, including trust designation, antivirus configuration, and administrative control over filters
- To set up Dev Drive, you can follow these steps:
  - Open Windows Settings and navigate to System > Storage > Advanced Storage Settings > Disks & volumes
  - Follow the instructions to create a new Dev Drive

# Dev Drive

- None of us are as experienced as all of us
- Awareness, Preparedness, Understanding
- Participate
- Topic Suggestions
- Questions: [scccwindows@gmail.com](mailto:scccwindows@gmail.com)

