

Sun City Computer Club

Windows SIG

September 12, 2023

**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?
- SIGs
 - Apple Users Group
 - Gaming
 - Scams and Computer Security
- Topic Suggestions – plea(se)
- Your suggestions future presentations
- In person meetings
- Computer Club Vimeo Account
- CA Vimeo Account

- Review latest Cyber Security SIG recording
- Google Chrome extensions
- VERY Sensitive information
- Passwords, Credit card details,

Microsoft Patch Tuesday

Windows Update



Updates available

Last checked: Today, 12:09 PM

Windows Malicious Software Removal Tool x64 - v5.117
(KB890830)

Status: Installing - 0%

2023-09 Cumulative Update for .NET Framework 3.5, 4.8 and
4.8.1 for Windows 10 Version 22H2 for x64 (KB5030180)

Status: Downloading - 100%

2023-09 Cumulative Update for Windows 10 Version 22H2 for
x64-based Systems (KB5030211)

Status: Downloading - 1%

[View optional updates](#)

Windows 10

2023-09 Cumulative Update for Windows 11 Version 22H2 for x64-based Systems (KB5030219)

Downloading - 7%

Windows Malicious Software Removal Tool x64 - v5.117 (KB890830)

Installing - 0%

2023-09 .NET 6.0.22 Security Update for x64 Client (KB5030559)

Completed

2023-09 Cumulative Update for .NET Framework 3.5 and 4.8.1 for Windows 11, version 22H2 for x64 (KB5031217)

Pending restart

Windows 11

- Check for Updates

Microsoft Store

- MSI confirms most are due to some motherboard models
- MSI 600/700 series
- Windows Update may uninstall update

BSOD

- Windows backup app
- Synch to OneDrive

Windows 10

- Cumulative Update
Windows 10 KB5029331
Windows 11 KB5029351
May resolve after a few reboots
UNSUPPORTED_PROCESSOR



Your PC ran into a problem and needs to restart. We'll restart for you.



For more information about this issue and possible fixes, visit <https://www.windows.com/stopcode>

If you call a support person, give them this info:
Stop Code: UNSUPPORTED_PROCESSOR

Windows Update Preview

The screenshot shows the Windows Task Manager application with the 'Processes' tab selected. The interface includes a search bar at the top, a left-hand navigation pane with options like 'Performance', 'App history', and 'Startup apps', and a main area displaying a list of processes. A mouse cursor is hovering over the 'VMware Tools Control Service' process. The processes are sorted by CPU usage, with 'Desktop Window Manager' at the top.

Name	CPU	Memory	Disk	Network
Desktop Window Manager	5.3%	250.5 MB	0 MB/s	0 Mbps
Task Manager	2.3%	49.1 MB	0 MB/s	0 Mbps
Windows Explorer	0.7%	38.5 MB	0 MB/s	0 Mbps
VMware Tools Control Service	0%	23.3 MB	0 MB/s	0 Mbps
System interrupts	0%	0 MB	0 MB/s	0 Mbps
Antimalware Service Executable	0%	173.6 MB	0 MB/s	0 Mbps
Service Host: Windows Manag...	0%	9.0 MB	0 MB/s	0 Mbps
Service Host: Windows Event ...	0%	14.3 MB	0 MB/s	0 Mbps
WMI Provider Host	0%	9.9 MB	0 MB/s	0 Mbps
WMI Provider Host	0%	1.7 MB	0 MB/s	0 Mbps
Microsoft Teams (7)	0%	146.3 MB	0 MB/s	0 Mbps
Runtime Broker (2)	0%	137.9 MB	0 MB/s	0 Mbps
Microsoft Store (3)	0%	85.5 MB	0 MB/s	0 Mbps

Task Manager Ctrl pause

- ping

```
C:\Users\Joel>ping www.google.com

Pinging www.google.com [216.58.219.228] with 32 bytes of data:
Reply from 216.58.219.228: bytes=32 time=16ms TTL=54
Reply from 216.58.219.228: bytes=32 time=20ms TTL=54
Reply from 216.58.219.228: bytes=32 time=18ms TTL=54
Reply from 216.58.219.228: bytes=32 time=16ms TTL=54

Ping statistics for 216.58.219.228:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 16ms, Maximum = 20ms, Average = 17ms
```

- tracert

```
C:\Users\Joel>tracert www.google.com

Tracing route to www.google.com [216.58.219.228]
over a maximum of 30 hops:

  0  <1 ms    <1 ms    <1 ms   192.168.0.1
  1  11 ms     11 ms    13 ms   96.120.77.49
  2  11 ms     10 ms    11 ms   xe-7-3-0-32767-sur01.49thst.pa.panjde.comcast.net [6
  3  12 ms     12 ms    12 ms   be-23-ar03.newcastle.de.panjde.comcast.net [69.139.1
  4  13 ms     14 ms    13 ms   hu-0-9-0-0-ar03.ivyland.pa.panjde.comcast.net [69.13
  5  19 ms     18 ms    18 ms   be-33287-cr02.newyork.ny.ibone.comcast.net [68.86.93
  6  17 ms     17 ms    16 ms   68.86.84.218
  7  17 ms     18 ms    16 ms   as27589-2.miami.fl.ibone.comcast.net [75.149.228.186
  8  18 ms     18 ms    17 ms   216.239.62.125
  9  17 ms     16 ms    18 ms   64.233.174.117
 10  18 ms     16 ms    16 ms   lga25s41-in-f228.1e100.net [216.58.219.228]

Trace complete.
```

Manage Wi-Fi from CMD window

- pathping

```
C:\Users\Joel>pathping www.google.com

Tracing route to www.google.com [216.58.219.228]
over a maximum of 30 hops:
 0  DESKTOP-44N9LCA [192.168.0.102]
 1  192.168.0.1
 2  96.120.77.49
 3  xe-7-3-0-32767-sur01.49thst.pa.panjde.comcast.net [68.86.218.117]
 4  be-23-ar03.newcastle.de.panjde.comcast.net [69.139.192.177]
 5  hu-0-9-0-0-ar03.ivyland.pa.panjde.comcast.net [69.139.193.193]
 6  be-33287-cr02.newyork.ny.ibone.comcast.net [68.86.93.173]
 7  68.86.84.218
 8  as27589-2.miami.fl.ibone.comcast.net [75.149.228.186]
 9  216.239.62.125
10  64.233.174.117
11  lga25s41-in-f228.1e100.net [216.58.219.228]

Computing statistics for 275 seconds...
Hop  RTT      Source to Here   This Node/Link   Address
 0    ---      Lost/Sent = Pct  Lost/Sent = Pct  DESKTOP-44N9LCA [192.168.0.102]
 1    6ms      0/ 100 = 0%      0/ 100 = 0%      192.168.0.1
 2    11ms     0/ 100 = 0%      0/ 100 = 0%      96.120.77.49
 3    12ms     0/ 100 = 0%      0/ 100 = 0%      xe-7-3-0-32767-sur01.49thst.pa.panjde.
 4    13ms     0/ 100 = 0%      0/ 100 = 0%      be-23-ar03.newcastle.de.panjde.comcast
 5    15ms     0/ 100 = 0%      0/ 100 = 0%      hu-0-9-0-0-ar03.ivyland.pa.panjde.comc
 6    18ms     0/ 100 = 0%      0/ 100 = 0%      be-33287-cr02.newyork.ny.ibone.comcast
 7    17ms     0/ 100 = 0%      0/ 100 = 0%      68.86.84.218
 8    18ms     0/ 100 = 0%      0/ 100 = 0%      as27589-2.miami.fl.ibone.comcast.net [
 9    ---      100/ 100 =100%   100/ 100 =100%   216.239.62.125
10    ---      100/ 100 =100%   100/ 100 =100%   64.233.174.117
11    19ms     0/ 100 = 0%      0/ 100 = 0%      lga25s41-in-f228.1e100.net [216.58.219

Trace complete.
```

Manage Wi-Fi from CMD window

- ipconfig

```
C:\Users\Joel>ipconfig

Windows IP Configuration

Wireless LAN adapter Wi-Fi:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Local Area Connection* 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . :
    Link-local IPv6 Address . . . . . : fe80::c115:5e0b:95a4:5aa3%8
    IPv4 Address. . . . . : 192.168.0.102
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.0.1

Ethernet adapter Ethernet 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Tunnel adapter isatap.{FCEE928D-4AE1-4204-8F5F-4C64CD07A080}:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Tunnel adapter Teredo Tunneling Pseudo-Interface:

    Connection-specific DNS Suffix  . :
    IPv6 Address. . . . . : 2001:0:9d38:6ab8:2058:2d97:3f57:ff99
    Link-local IPv6 Address . . . . . : fe80::2058:2d97:3f57:ff99%3
    Default Gateway . . . . . : ::
```

Manage Wi-Fi from CMD window

- getmac

```
C:\Users\Joel>getmac

Physical Address      Transport Name
=====
00-FF-CB-10-15-73    Media disconnected
28-F0-76-10-E8-E2    Media disconnected
38-C9-86-21-D0-4D    \Device\Tcpip_{FCEE928D-4AE1-4204-8F5F-4C64CD07A080}
```

- Nslookup

```
C:\Users\Joel>nslookup www.google.com
1.0.168.192.in-addr.arpa
    primary name server = localhost
    responsible mail addr = nobody.invalid
    serial = 1
    refresh = 600 (10 mins)
    retry = 1200 (20 mins)
    expire = 604800 (7 days)
    default TTL = 10800 (3 hours)
Server: UnKnown
Address: 192.168.0.1

Non-authoritative answer:
Name: www.google.com
Addresses: 2607:f8b0:4006:80d::2004
           172.217.4.68
```

Manage Wi-Fi from CMD window

- netstat

```
C:\Users\Joel>netstat
```

```
Active Connections
```

Proto	Local Address	Foreign Address	State
TCP	127.0.0.1:1564	DESKTOP-44N9LCA:1565	ESTABLISHED
TCP	127.0.0.1:1565	DESKTOP-44N9LCA:1564	ESTABLISHED
TCP	127.0.0.1:1566	DESKTOP-44N9LCA:1567	ESTABLISHED
TCP	127.0.0.1:1567	DESKTOP-44N9LCA:1566	ESTABLISHED
TCP	127.0.0.1:1589	DESKTOP-44N9LCA:1590	ESTABLISHED
TCP	127.0.0.1:1590	DESKTOP-44N9LCA:1589	ESTABLISHED
TCP	127.0.0.1:1594	DESKTOP-44N9LCA:1595	ESTABLISHED
TCP	127.0.0.1:1595	DESKTOP-44N9LCA:1594	ESTABLISHED
TCP	127.0.0.1:1645	DESKTOP-44N9LCA:1646	ESTABLISHED
TCP	127.0.0.1:1646	DESKTOP-44N9LCA:1645	ESTABLISHED
TCP	192.168.0.102:1552	bn3sch020010540:https	ESTABLISHED
TCP	192.168.0.102:1560	client:https	CLOSE_WAIT
TCP	192.168.0.102:1568	api:https	CLOSE_WAIT
TCP	192.168.0.102:1597	104.16.59.37:https	ESTABLISHED
TCP	192.168.0.102:1601	qo-in-f109:imaps	ESTABLISHED
TCP	192.168.0.102:1603	s154:imaps	ESTABLISHED
TCP	192.168.0.102:1606	qo-in-f109:imaps	ESTABLISHED
TCP	192.168.0.102:1630	qo-in-f109:imaps	ESTABLISHED
TCP	192.168.0.102:1633	qo-in-f109:imaps	ESTABLISHED
TCP	192.168.0.102:1635	qo-in-f109:imaps	ESTABLISHED
TCP	192.168.0.102:1636	qo-in-f109:imaps	ESTABLISHED
TCP	192.168.0.102:1637	qo-in-f109:imaps	ESTABLISHED
TCP	192.168.0.102:1648	ec2-52-32-153-92:https	ESTABLISHED
TCP	192.168.0.102:1709	pat-ash2:5222	ESTABLISHED
TCP	192.168.0.102:1740	ec2-52-73-156-0:https	ESTABLISHED

Manage Wi-Fi from CMD window

• netsh

```
C:\Users\Joel>netsh /?
```

```
Usage: netsh [-a AliasFile] [-c Context] [-r RemoteMachine] [-u [DomainName\]UserNam  
[Command | -f ScriptFile]
```

The following commands are available:

Commands in this context:

```
? - Displays a list of commands.  
add - Adds a configuration entry to a list of entries.  
advfirewall - Changes to the `netsh advfirewall' context.  
branchcache - Changes to the `netsh branchcache' context.  
bridge - Changes to the `netsh bridge' context.  
delete - Deletes a configuration entry from a list of entries.  
dhcpclient - Changes to the `netsh dhcpclient' context.  
dnsclient - Changes to the `netsh dnsclient' context.  
dump - Displays a configuration script.  
exec - Runs a script file.  
firewall - Changes to the `netsh firewall' context.  
help - Displays a list of commands.  
http - Changes to the `netsh http' context.  
interface - Changes to the `netsh interface' context.  
ipsec - Changes to the `netsh ipsec' context.  
lan - Changes to the `netsh lan' context.  
mbn - Changes to the `netsh mbn' context.
```

Manage Wi-Fi from CMD window

```
C:\Users\Joel>netsh wlan /?
```

The following commands are available:

Commands in this context:

```
?           - Displays a list of commands.  
add         - Adds a configuration entry to a table.  
connect     - Connects to a wireless network.  
delete     - Deletes a configuration entry from a table.  
disconnect  - Disconnects from a wireless network.  
dump       - Displays a configuration script.  
export     - Saves WLAN profiles to XML files.  
help       - Displays a list of commands.  
refresh    - Refresh hosted network settings.  
reportissues - Generate WLAN smart trace report.  
set        - Sets configuration information.  
show       - Displays information.  
start      - Start hosted network.  
stop       - Stop hosted network.
```

To view help for a command, type the command, followed by a space, and then type ?.

```
C:\Users\Joel>netsh wlan show /?
```

The following commands are available:

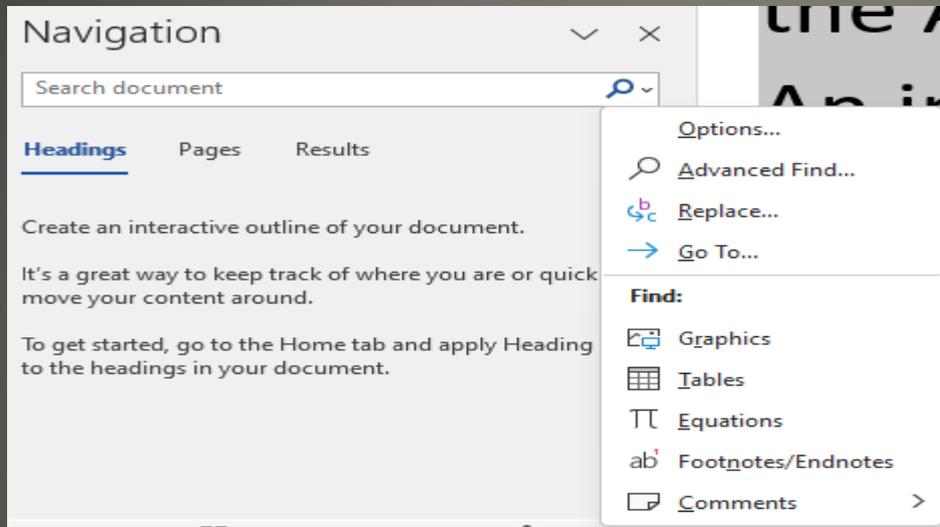
Commands in this context:

```
show all - Shows complete wireless device and networks information.
show allowexplicitcreds - Shows the allow shared user credentials settings.
show autoconfig - Shows whether the auto configuration logic is enabled or
                  disabled.
show blockednetworks - Shows the blocked network display settings.
show createalluserprofile - Shows whether everyone is allowed to create all
                           user profiles.
show drivers - Shows properties of the wireless LAN drivers on the system.
show filters - Shows the allowed and blocked network list.
show hostednetwork - Show hosted network properties and status.
show interfaces - Shows a list of the wireless LAN interfaces on
                 the system.
show networks - Shows a list of networks visible on the system.
show onlyUseGPPProfilesforAllowedNetworks - Shows the only use GP profiles on GP conf
show profiles - Shows a list of profiles configured on the system.
show randomization - Shows whether MAC randomization is enabled or
                   disabled.
show settings - Shows the global settings of wireless LAN.
show tracing - Shows whether wireless LAN tracing is enabled or disabled.
show wirelesscapabilities - Shows the wireless capabilities of the system
show wlanreport - Generate a report showing recent wireless session information.
```

- Revamped Photos app
- Windows Backup
- Microsoft Store
- OneDrive

Windows 10

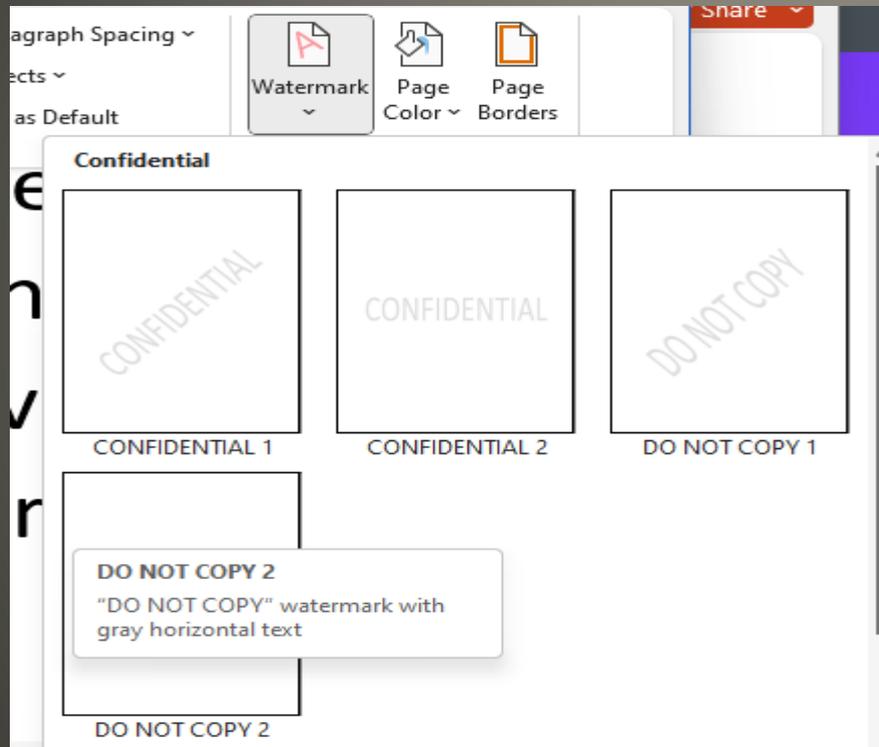
- Search in addition to text



- Emojis
Insert > Icons

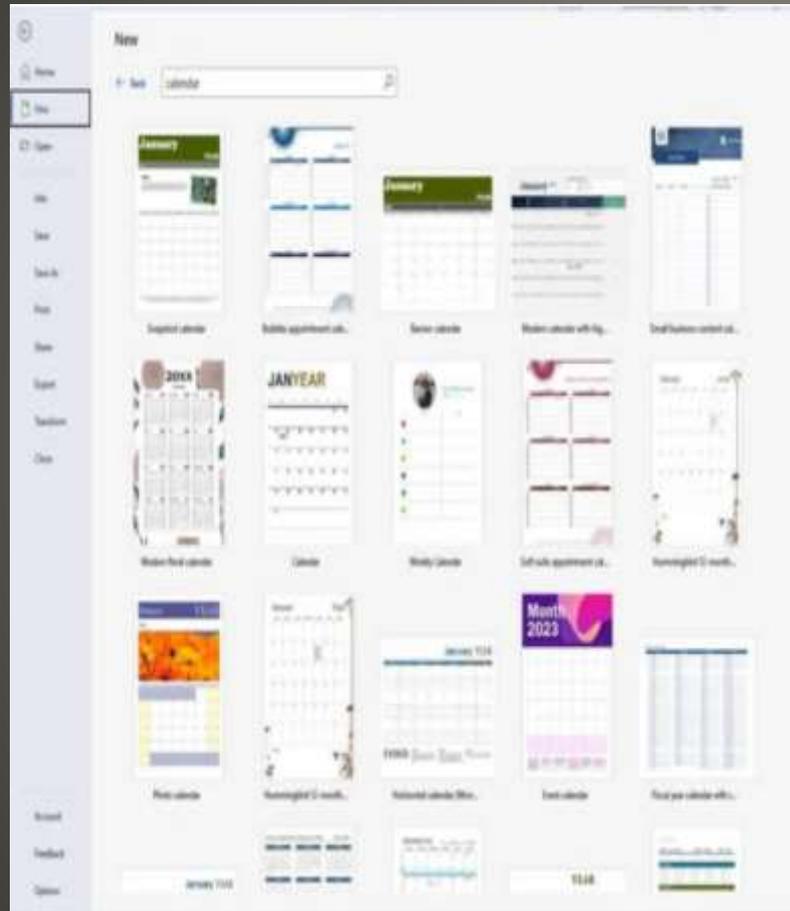
Microsoft Word

- Watermark
Design tab > Watermark



Microsoft Word

- Templates & Designs



Microsoft Word

- Insert text without source formatting
CTRL + V Text-Only
- Protect document with password
File > Info > Protect document > Encrypt with password

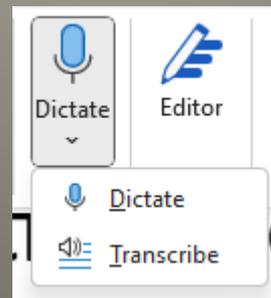
Unprotect

Encrypt with password - Clear

- Transcription Audio > Text

Microsoft 365

Home



Microsoft Word

- Text Modules autotext
Greetings
Select words > Alt + F3
Create a New Building Block
Name that Building Block
Insert by using name + F3

Microsoft Word

• Soon??

 People
Microsoft Corporation | 6/4/2023 16.0 KB ...

 Phone Link
Microsoft Corporation | 8/3/2023

Advanced options

Move

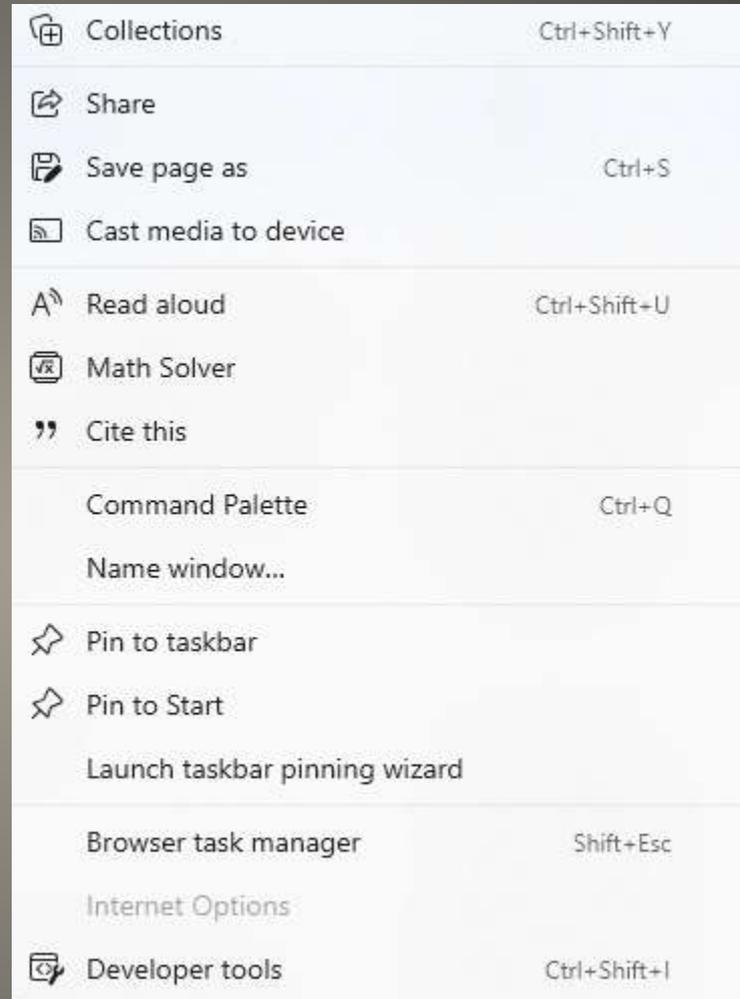
Uninstall

Windows Uninstall Apps

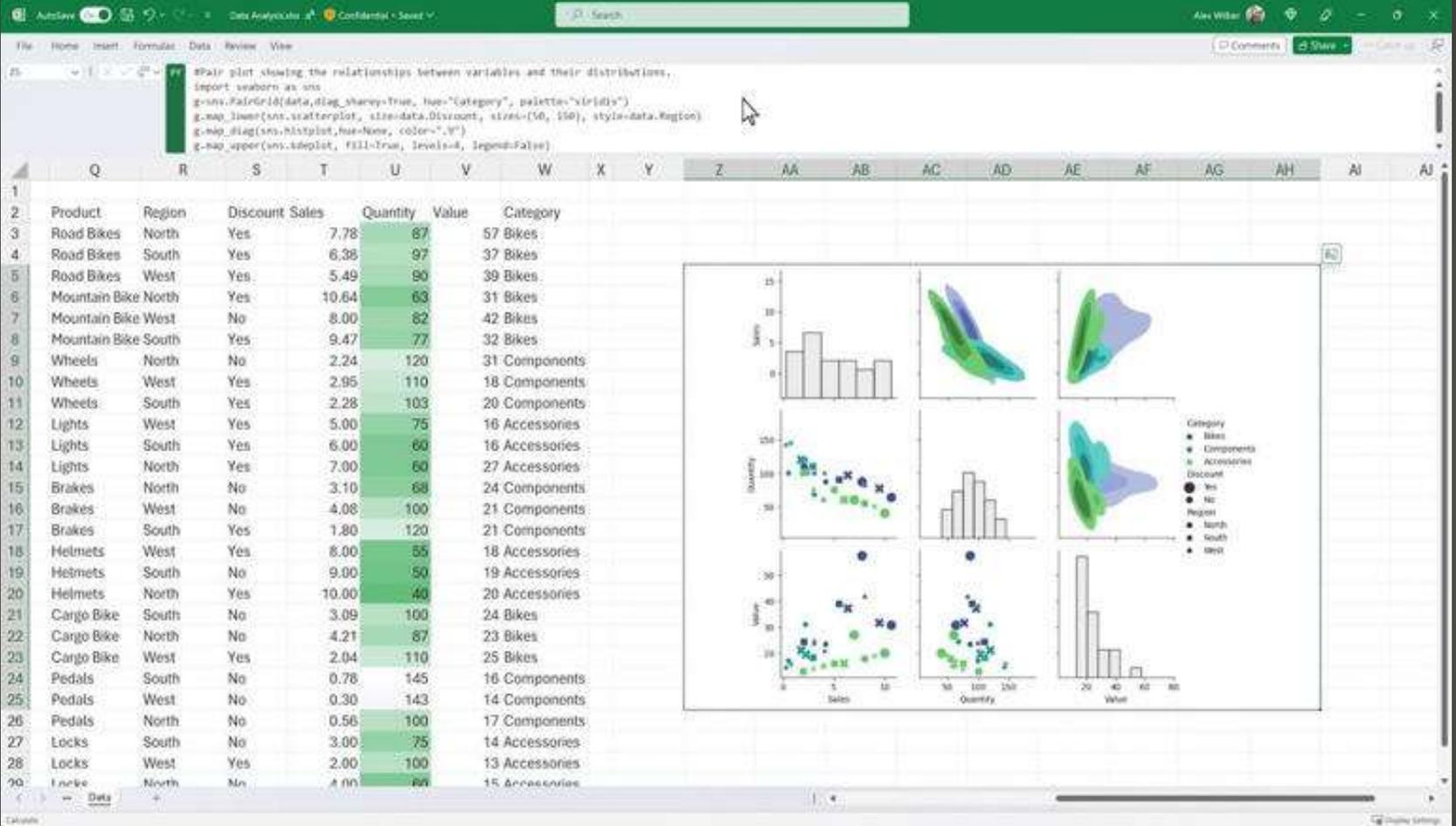
- Let's Customize Your Experience
- Intent
- Development Intent – Dev Home

Windows 11 Out of Box Experience

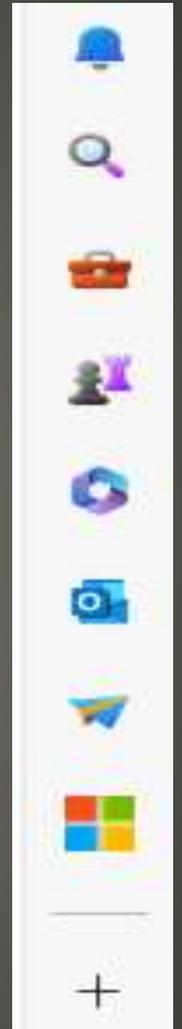
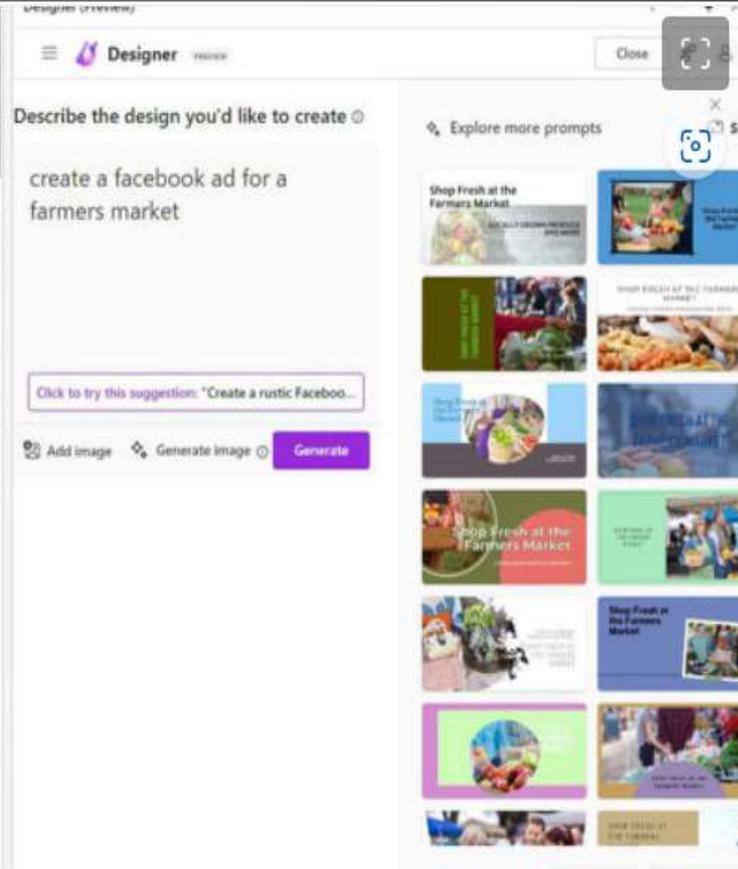
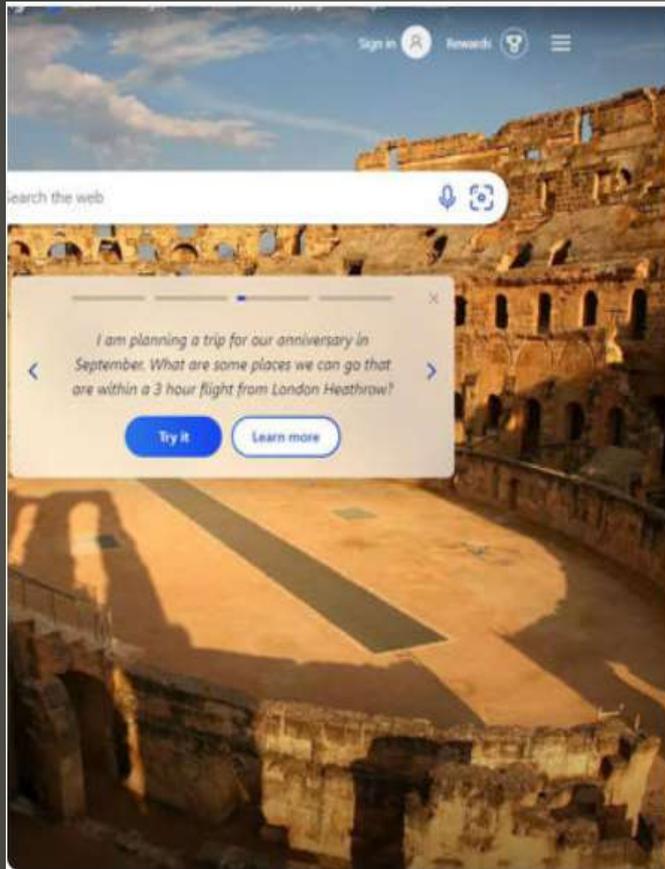
- Math Solver
- Picture Dictionary
- Citations
- Grammer Tools
- Kids Mode



Edge browser to remove features



Python to Excel

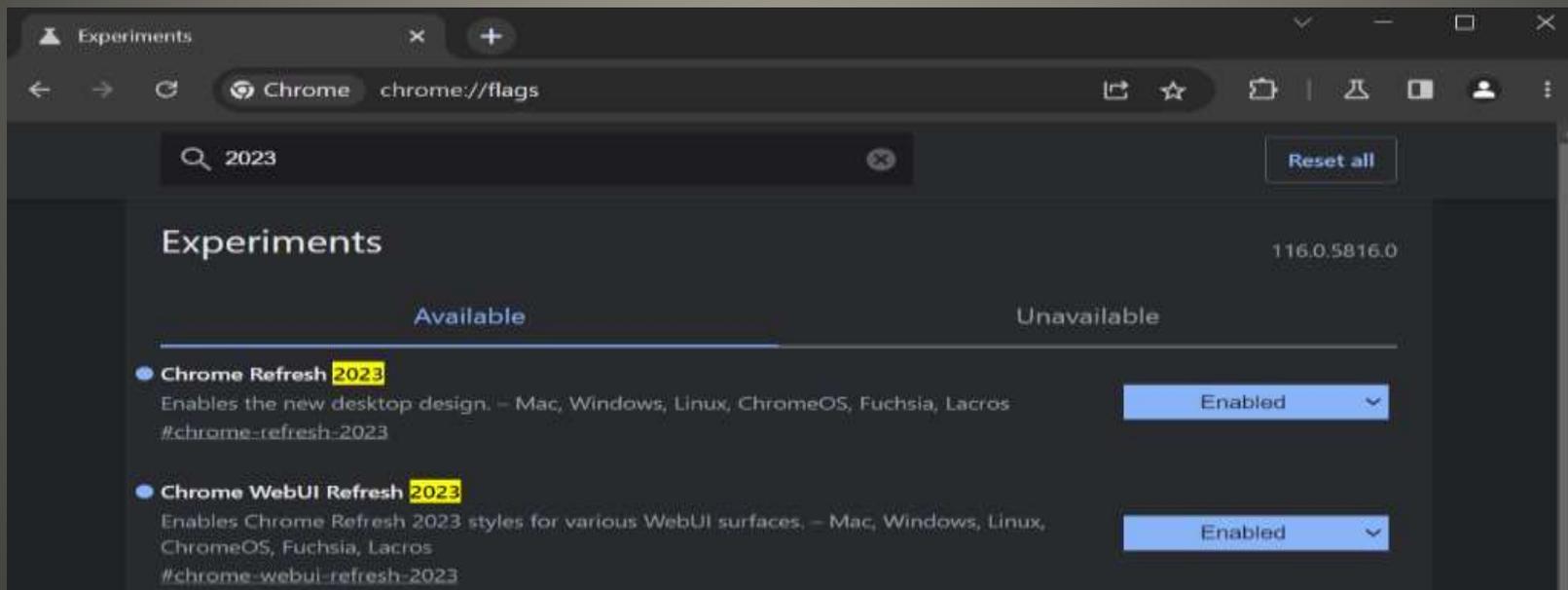


Microsoft Designer Tool

- Microsoft AI-powered design tool
- Edge users in US
- Social Media posts, fliers, greeting cards, ...
- DALL-E text-to-image
- **PREVIEW**

Microsoft Designer Tool

- Chrome 116
- Chrome 2023 refresh
- Google's material & Windows 11 Mica
- Chrome://flags



Google Chrome rounded corners

Google

🔍 Search Google or type a URL



Nyaa



WhatsApp



YouTube

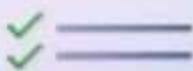


Windows Lat...



Add shortcut

Microsoft Bing



Switch your default search engine to Microsoft Bing in Chrome.

- Earn Microsoft Rewards points when you search
- Try the new Bing, your AI-powered search engine
- Install Bing Service to improve search experience

By clicking on "Yes", you agree to the [Microsoft service agreement](#) and [Privacy policy](#).

Don't Switch

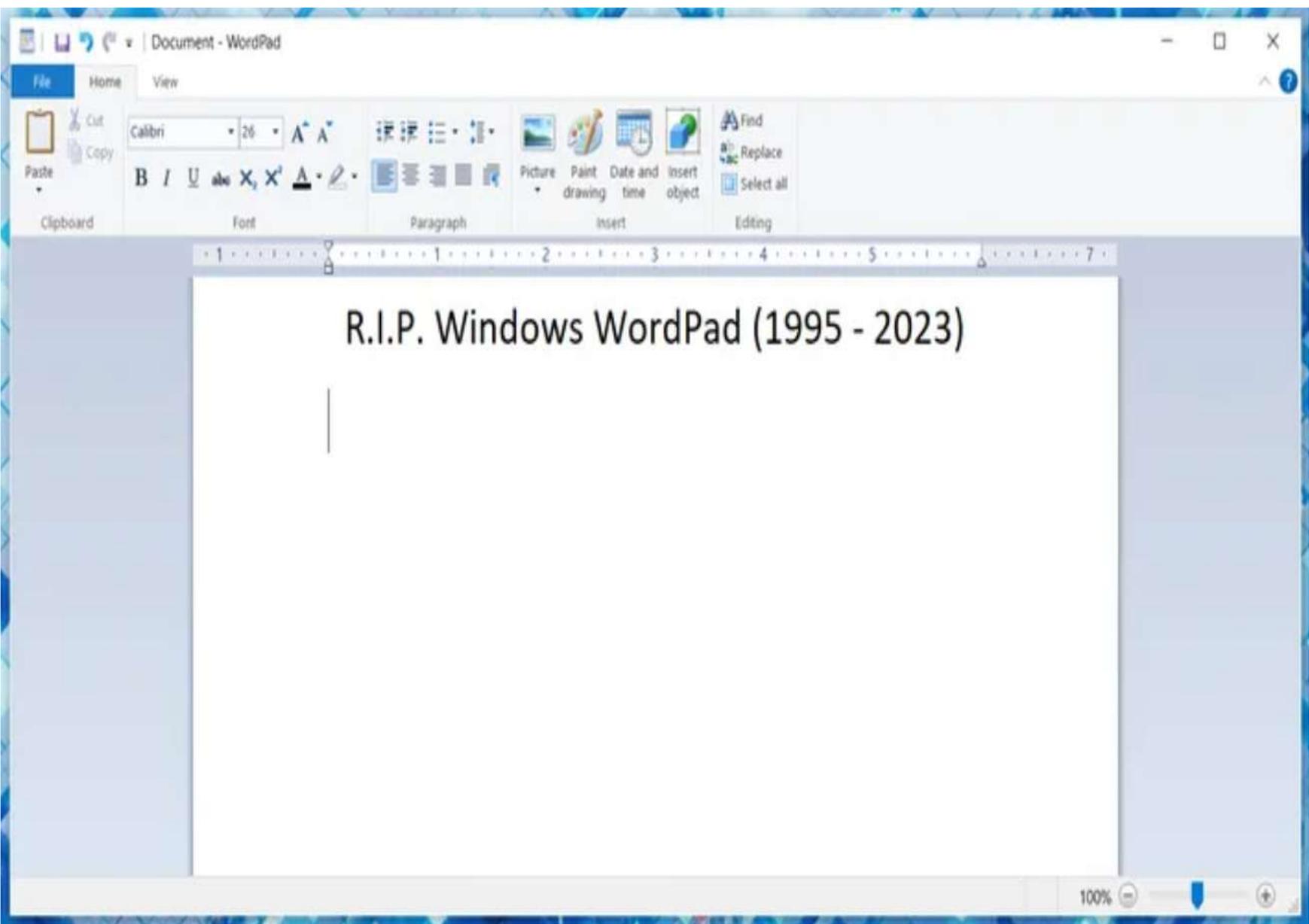
Yes



10:19
27/08/2023

- Bing to other browsers - reluctantly

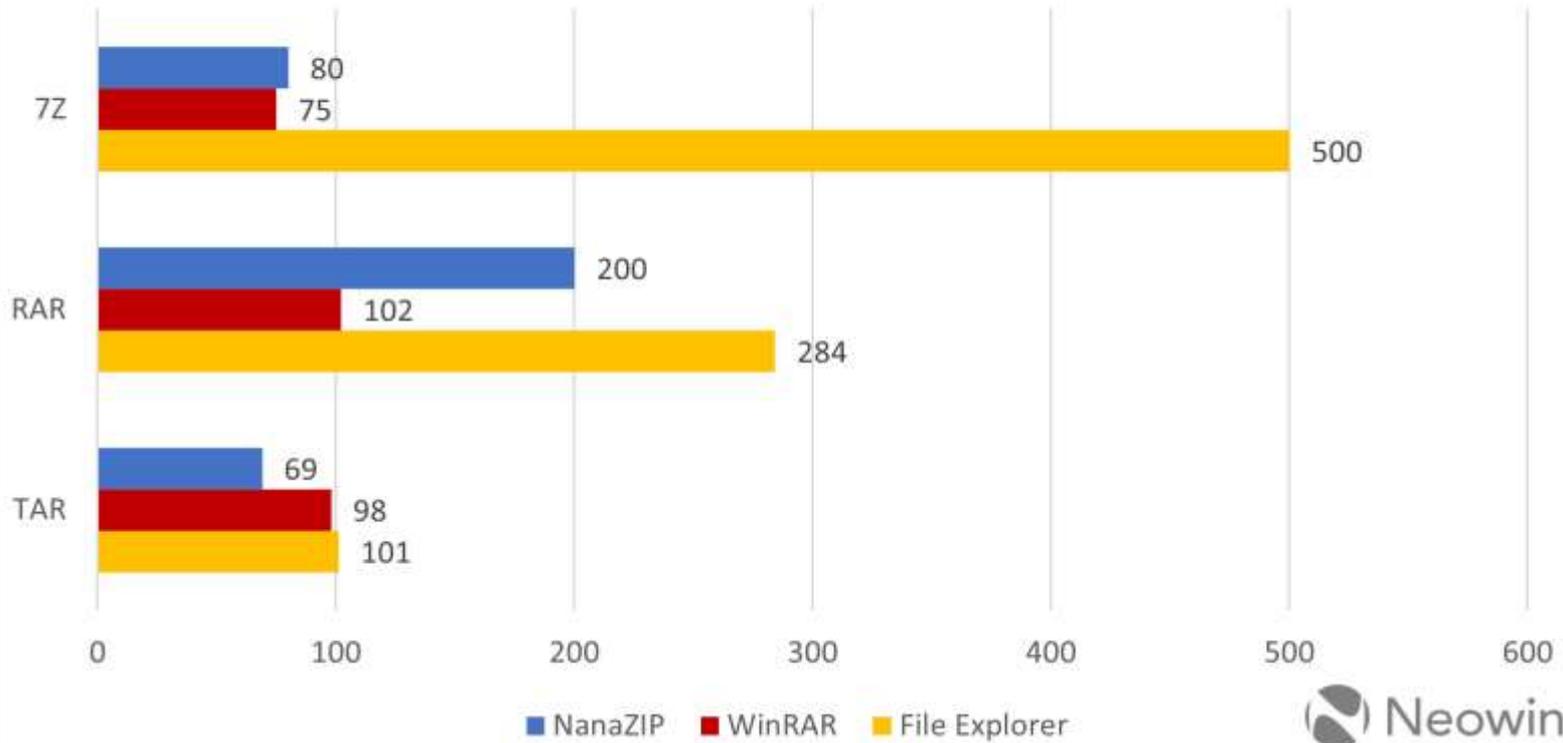
Microsoft signed BGAUpsell.exe



R.I.P. Windows WordPad (1995 - 2023)

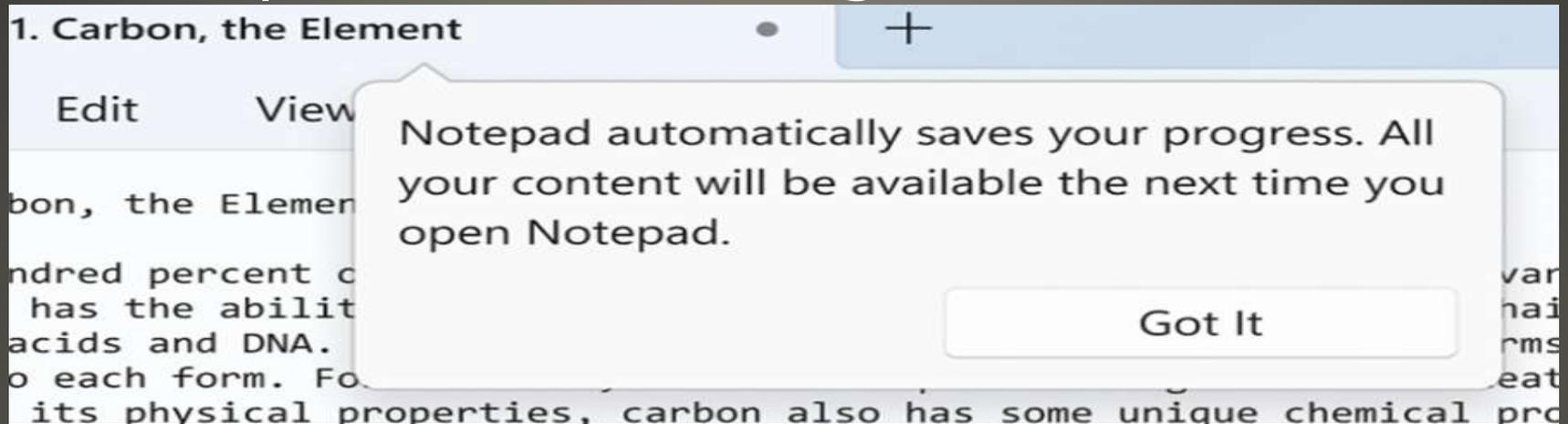
24GB decompression, 3-run avg (sec) lower is better

Intel Core i3-1125G4 2GHz 16GB DDR4-3200 NVMe SSD



RAR support

- Notepad – auto-saving



- Snipping Tool

Win Key + Shift + S Screen snip

Win Key + Shift + R Screen Recording

New Features

Notepad & Snipping Tool

- Wi-Fi 7

Windows 11

- IEEE 802.11be
- Backward compatible
- BUT NEW Devices
- Faster, More connections, low latency
- Less congestion & interference
- Wi-Fi 6E 6 GHz band
- Wi-Fi 7 2.4GHz 5GHz 6GHz
 - 2.4GHz 11 channels 20 MHz each
 - 5GHz 45 channels 40 MHz or 80 MHz
 - 6GHz 60 channels 160 MHz
 - Wi-Fi 7 320 MHz

Wi-Fi 7

- Quadrature Amplitude Modulation (QAM)
Wi-Fi 5 256-QAM
Wi-Fi 6 1024-QAM
Wi-Fi 7 4096-QAM
- Multi-Link
Before Wi-Fi 7 each connection one band
Wi-Fi 7 multi band
Congestion & interference
Shorter range of 6 GHz

Wi-Fi 7

- Marketing Claims
 - 4.8 times faster
 - 100 times lower latency
 - 5 times network capacity

BUT Optimum Cluster controller

Wi-Fi 7

- Router Wireless Access Point first
- Backwards compatible

Wi-Fi 7

Tri-Band WiFi 7 Speeds up to

19 Gbps

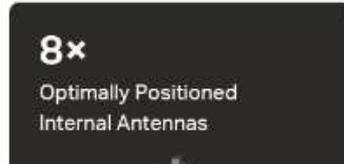


Two 10G Ports

+ Four 2.5G Ports



LED Screen



8x

Optimally Positioned
Internal Antennas

EasyMesh
— Compatible —

HomeShield



VPN
Clients and Server



Private IoT
Network

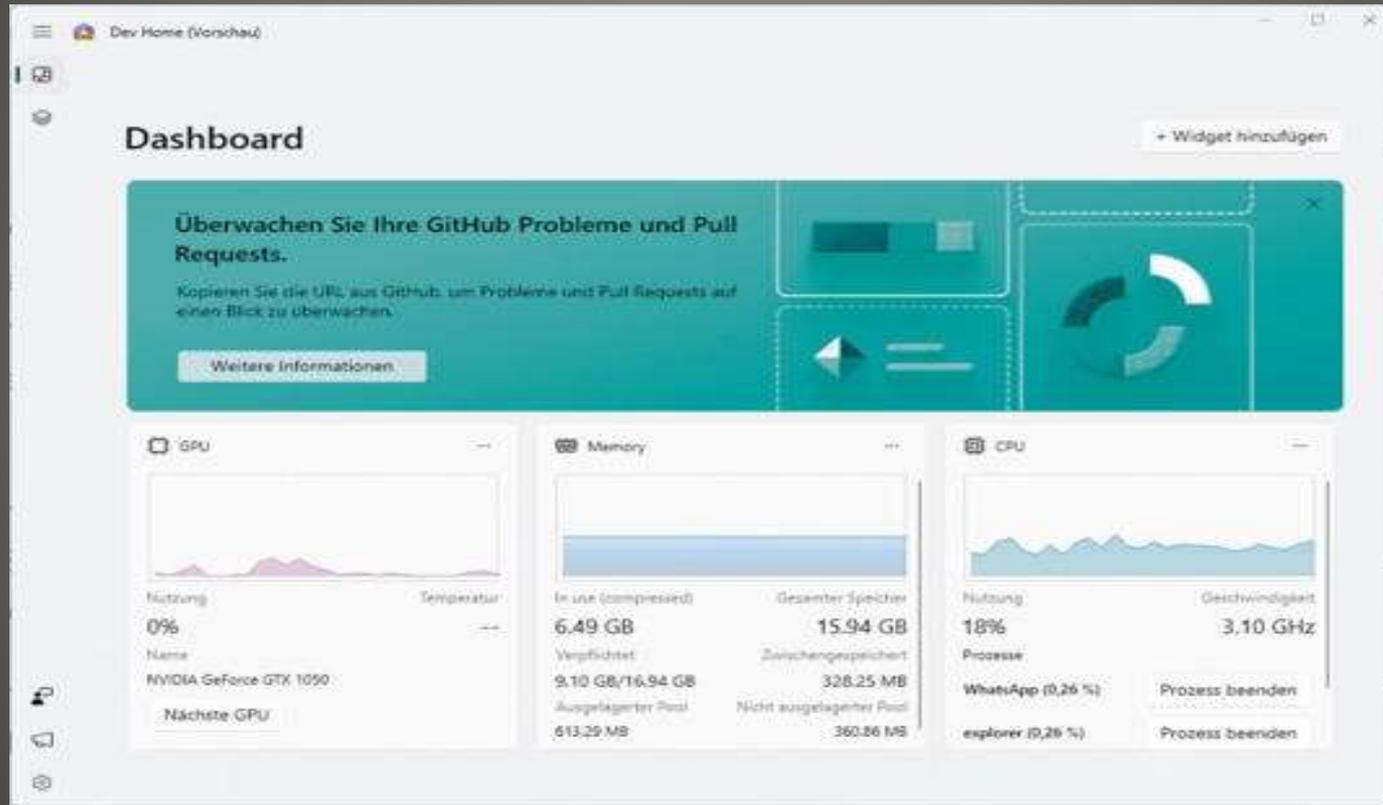


Multi-Link
Operation



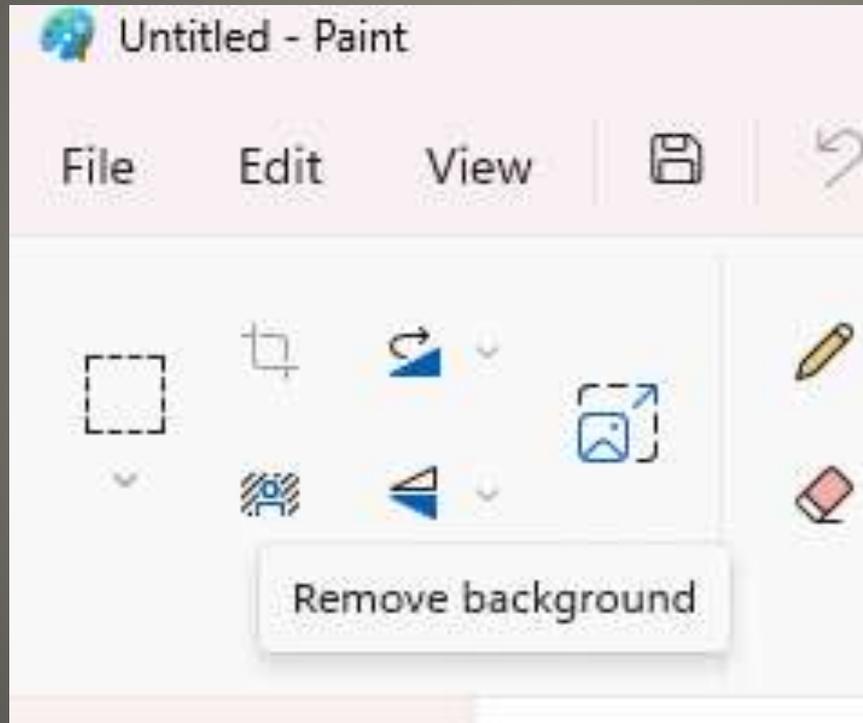
tp-link

- Microsoft App Store
- Preview



Dev Home

- Remove Background
- AI updates? Magic Paint



Paint New Feature

- Windows 11
- Windows Recovery Environment
- Recovery Partition too small

The screenshot shows the Windows Disk Management console. At the top right, there is a Neowin logo. Below it, a table lists various volumes with their layouts, types, file systems, statuses, capacities, and free space percentages. Below the table, three disks are shown with their partitions: Disk 0 (447.12 GB), Disk 1 (931.50 GB), and Disk 2 (485.75 GB). The partitions on Disk 2 include a 100 MB EFI System Partition, a 243.49 GB NTFS partition, a 545 MB Recovery Partition, a 170.97 GB NTFS partition, a 350.00 GB NTFS partition, and a 669 MB Recovery Partition.

Volume	Layout	Type	File System	Status	Capacity	Free Space	% Free
(C:)	Single	Basic	NTFS	Healthy (Boot, Page File, Crash Dump, Basic Data Partition)	243.49 GB	66.28 GB	27 %
(D:)	Single	Basic	NTFS	Healthy (Basic Data Partition)	170.97 GB	111.44 GB	65 %
(Disk 2 partition 1)	Single	Basic		Healthy (EFI System Partition)	100 MB	100 MB	100 %
(Disk 2 partition 4)	Single	Basic		Healthy (Recovery Partition)	545 MB	545 MB	100 %
(Disk 2 partition 7)	Single	Basic		Healthy (Recovery Partition)	669 MB	669 MB	100 %
New Volume (E:)	Single	Basic	NTFS	Healthy (Basic Data Partition)	300.00 GB	55.32 GB	18 %
New Volume (F:)	Single	Basic	NTFS	Healthy (Basic Data Partition)	147.11 GB	62.17 GB	42 %
New Volume (G:)	Single	Basic	NTFS	Healthy (Basic Data Partition)	581.50 GB	282.20 GB	49 %
New Volume (H:)	Single	Basic	NTFS	Healthy (Basic Data Partition)	350.00 GB	96.04 GB	27 %
New Volume (I:)	Single	Basic	NTFS	Healthy (Basic Data Partition)	50.00 GB	4.98 GB	10 %

Disk	Capacity	State	Partition	Capacity	File System	Status
Disk 0 447.12 GB Online			New Volume (E:)	300.00 GB	NTFS	Healthy (Basic Data Partition)
			New Volume (I:)	147.11 GB	NTFS	Healthy (Basic Data Partition)
Disk 1 931.50 GB Online			New Volume (G:)	581.50 GB	NTFS	Healthy (Basic Data Partition)
			New Volume (H:)	350.00 GB	NTFS	Healthy (Basic Data Partition)
Disk 2 485.75 GB Online	100 MB	Basic	(I)	243.49 GB	NTFS	Healthy (Boot, Page File, Crash Dump, Basic Data Partition)
			(J)	545 MB		Healthy (Recovery Partition)
			(K)	170.97 GB	NTFS	Healthy (Basic Data Partition)
			(L)	350.00 GB	NTFS	Healthy (Basic Data Partition)
			(M)	669 MB		Healthy (Recovery Partition)
			(N)	100 MB		Healthy (EFI System Partition)

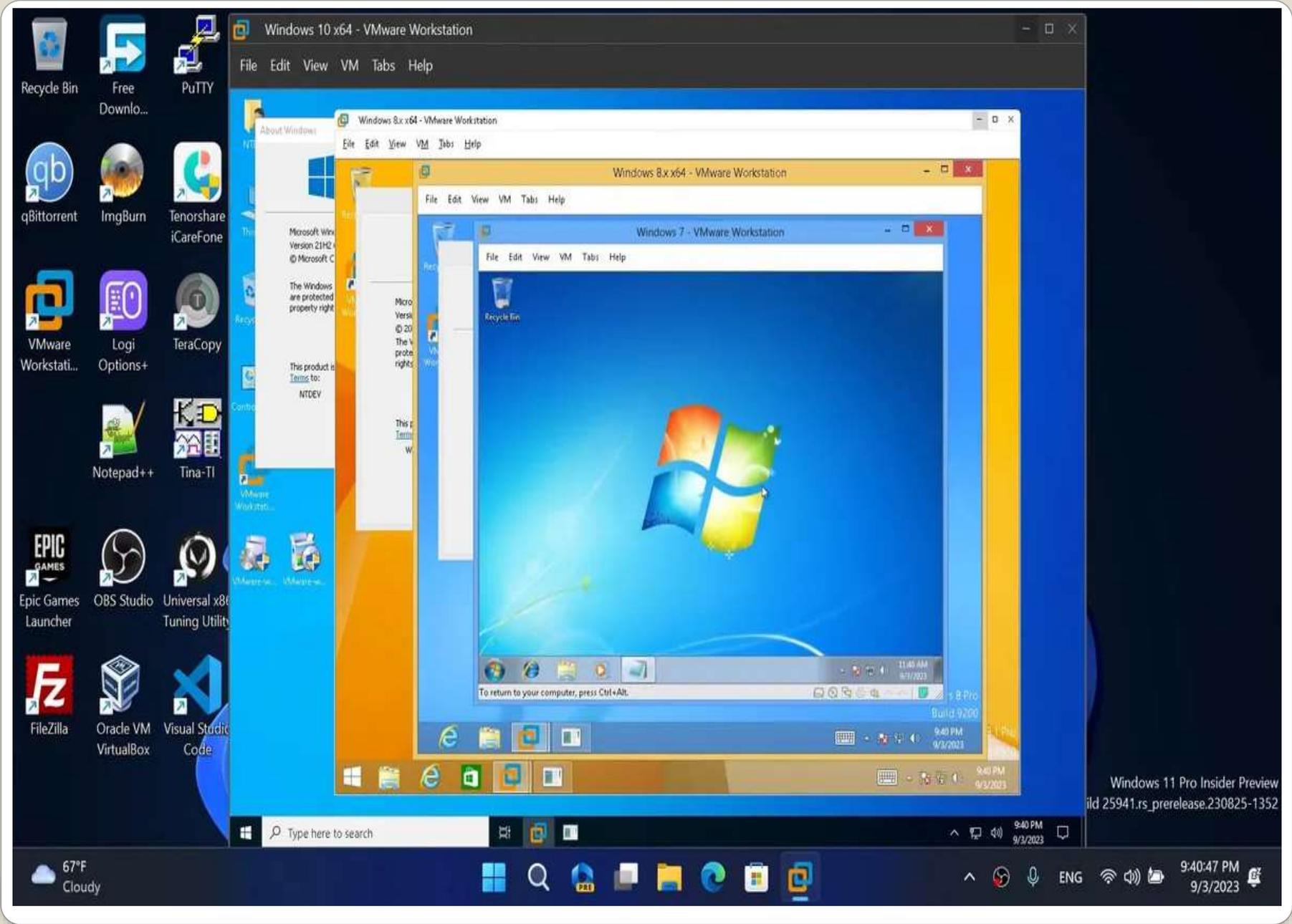
WinRE updates

- Paint background removal
- Wi-Fi 7
- RAR support
- Designer Tool
- Dev Home
- Each larger = Recovery Partition size

Why

- Run last 5 Windows versions simultaneously
- Windows 7 running on
- Windows 8 running on
- Windows 8.1 running on
- Windows 10 running on
- Windows 11
- Plus DOS

Winception



Windows 11 Pro Insider Preview
Build 25941.rs_prerelease.230825-1352

67°F
Cloudy

9:40:47 PM
9/3/2023

- VMWare Workstation
- AMD Ryzen 7 5800HS
- 8 Zen 3 cores, 16 threads, clock boost 4.4GHz
- 16 GB memory

Winception

- Club's Coding SIG
- Open Interpreter

WantaBe a coder?



1

```
> build me a reminder app
```

Sure, I can help you build a simple reminder app. Here's a basic plan:

- 1 Create a Python script that will take a reminder message and a time as input.
- 2 The script will then wait until the specified time and then display the reminder message.

Let's start with step 1: Creating a Python script that takes a reminder message and a time as input.

```
def set_reminder(message, time):  
    return {'message': message, 'time': time}
```

```
Would you like to run this code? (y/n)
```

2

Next, we need to make the script wait until the specified time and then display the reminder message. For this, we'll use the `time` and `datetime` modules in Python.

Let's add this functionality to our function.

```
import time  
import datetime  
  
def set_reminder(message, time):  
    while True:  
        if datetime.datetime.now() == time:  
            print(message)  
            break  
        time.sleep(1)
```

```
Would you like to run this code? (y/n)
```

3

Great, we now have a function that will display the reminder message at the specified time.

This is a very basic reminder app. You can run this Python script, input your reminder message and the time you want to be reminded, and the script will print your reminder message at the specified time.

Please note that this is a very basic app and has many limitations. For example, it doesn't handle errors, it doesn't allow you to set multiple reminders, and it doesn't have a user interface. If you want a more advanced reminder app, I would recommend using a dedicated reminder app or a task management app.



Open Intrepreter

- Full Screen F11
- Full Screen F11
- You try let the Group know

Want Windows 11 File Explorer faster?

- Windows Copilot

Latest Windows 11 23H2 update

- Windows Copilot
- Modernized File Explorer Experience
 - Synch status and quota flyouts OneDrive
 - Details lane revamped
 - easier collaboration & file access info
- Comprehensive Energy Report

Latest Windows 11 23H2 update

Test Account

System > Power

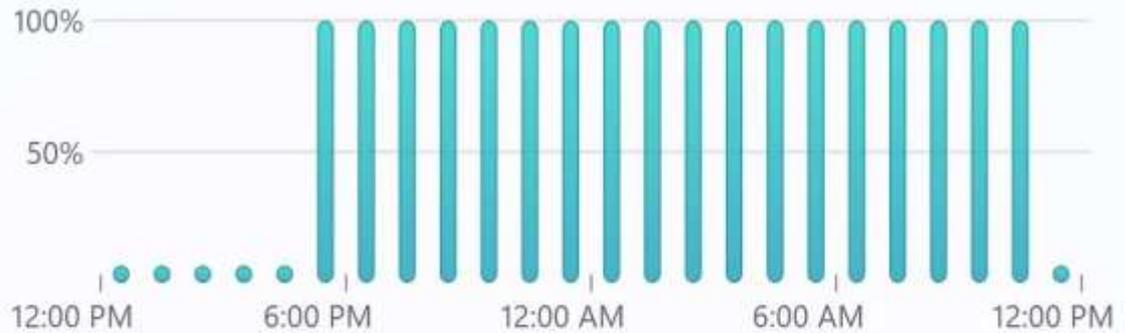
Find a setting

- System
- Bluetooth & devices
- Network & internet
- Personalization
- Apps
- Accounts
- Time & language
- Gaming
- Accessibility
- Privacy & security
- Windows Update

Energy usage
View info about energy usage

Energy usage

Last 24 hours



Screen on -

Total Energy
Average energy impact is between 12 and 15

Screen off -

Emissions
Average emission impact is between 12 and 15

Sleep -

Find a setting

System

Display

Sound

Notifications & actions

Focus assist

Power & sleep

Battery

Storage

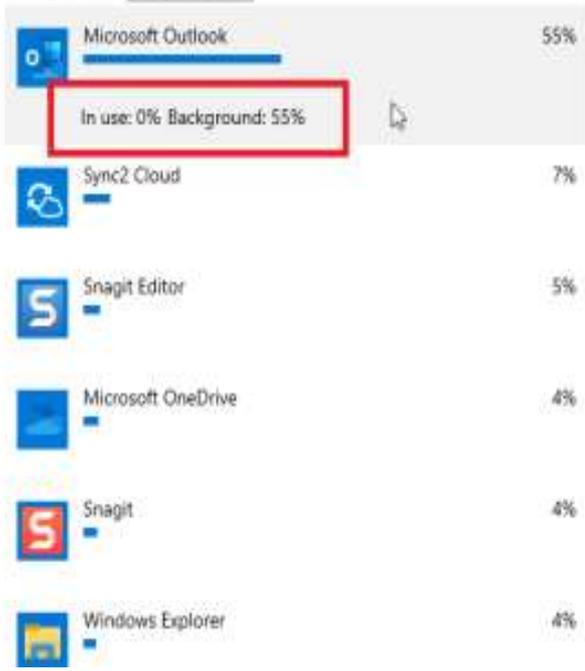
Tablet

Multitasking

Battery

Battery usage per app

Time period: 24 hours



- Windows Copilot
- Modernized File Explorer Experience
 - Synch status and quota flyouts OneDrive
 - Details lane revamped
 - easier collaboration & file access info
- Comprehensive Energy Report
- New Settings homepage

Latest Windows 11 23H2 update



Tia Counts
tia@outlook.com

Find a setting

Home

System

Bluetooth & devices

Network & internet

Personalization

Apps

Accounts

Time & language

Gaming

Accessibility

Privacy & security

Windows Update

Home



Tia's Laptop
Surface Pro X
Rename

Ethernet
Connected

Windows Update
Last checked: 55 minutes ago

Recommended settings

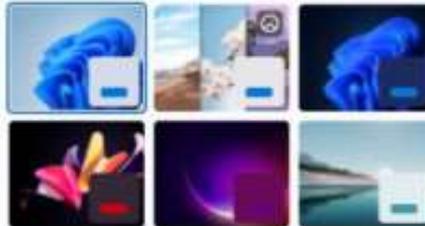
Recent and commonly used settings

Display

Sound

Search permissions

Personalize your device



Color mode Light

Browse more backgrounds, colors, and themes



Cloud storage

With available storage, you can back up files or send and receive email on Outlook.

0 used of 1.0 TB (0%)

View details



Never lose access to your account

Add a recovery email address to make sure you can always get in to your account.

Add now



Active

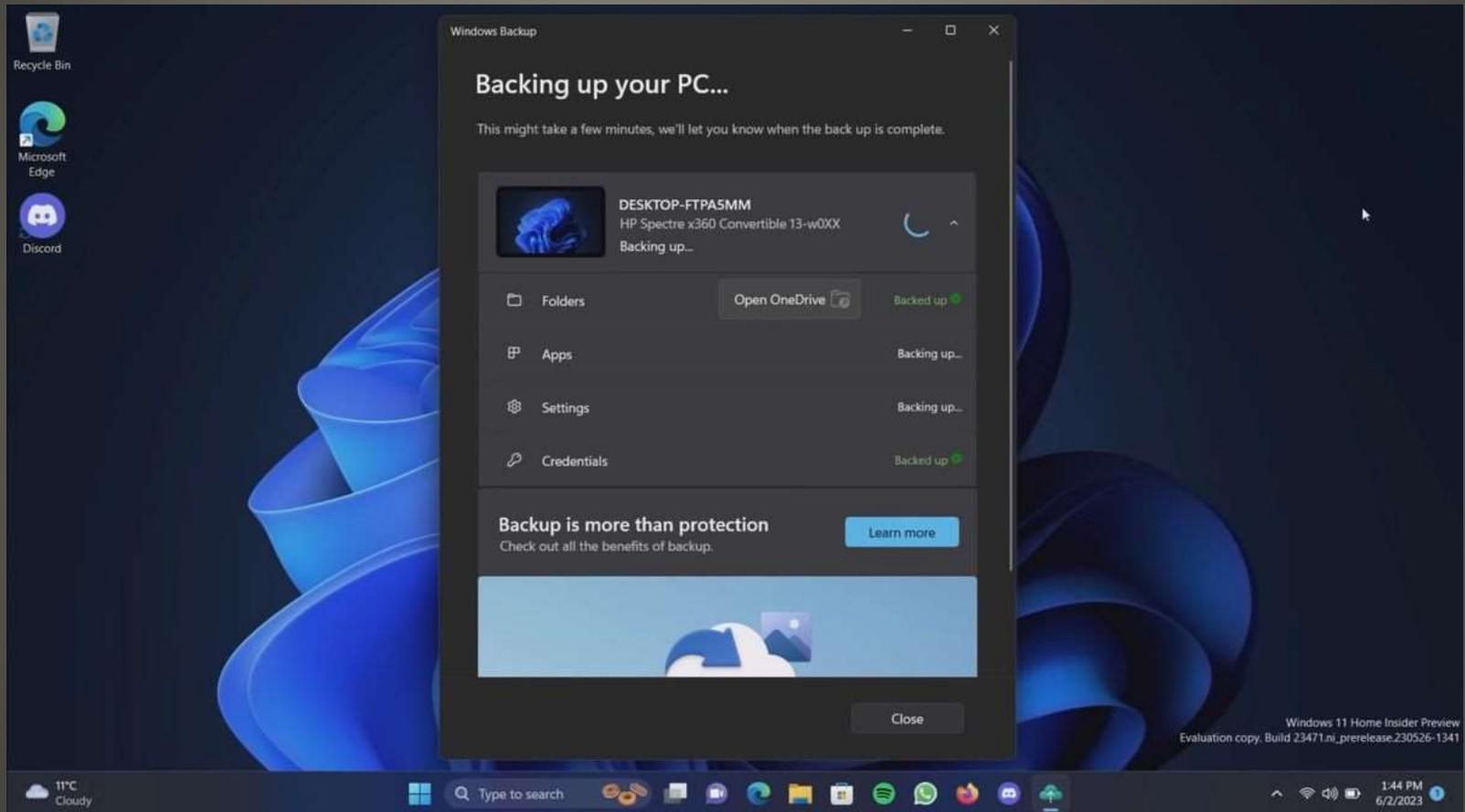
Microsoft 365 Family

You have 1 TB of cloud storage and can use premium apps like Word, Excel, and PowerPoint. If you want, share all benefits with 5 other people.

- Interactive cards
 - Grouped
- Recommended Settings
- Cloud Storage
- Account Recovery
- Personalization
- Microsoft 365
- Xbox
- Bluetooth

New Settings Homepage

• Settings & Customizations



Revamped Backup

- Backup is now an App
- Requires OneDrive thus Microsoft Account

Revamped Backup App

Let's back up your PC

We'll back up your info in the cloud and automatically keep it up to date. Have peace of mind knowing it's always protected, even if something happens to this PC.

[Privacy Statement](#)



HP Laptop 15-dy2xxx



Folders

Back up files, documents, and photos to OneDrive



Apps

Remember installed apps and pinned app preferences



Settings

Remember Windows settings and preferences



Storage estimate

12.6 GB of 1.05 TB



Cancel

Back up

Backing up your PC...

This might take a few minutes, we'll let you know when the backup is complete.



HP Laptop 15-dy2xxx

Backing up...



Backup is more than protection

Check out all the benefits of backup.

[Learn more](#)



Close

- Folders
- Apps
- Settings
- Credentials

CAUTION

Revamped Backup App

- Other windows 11 23H2 backups available
- Cloud storage Cloud storage costs
- Settings & Apps
- File History
- The Apps are Microsoft Store Apps
 Not third-party apps

Revamped Backup App

- Full Image Backup

External disk tied to that external disk

Be there

Cloud solutions - tied to Internet

Slice(s) in time

Time Machine

- iCloud via web & AppleID
- Web Apps vs apps
- iCloud App for Windows
- Apple Mail ?
- iTunes -> Apple Music for Windows
- Apple TV web and/or Windows App

Apple SIG



- Support ending

Microsoft Surface Duo

- Microsoft will defend its AI Copilot users
Copyright lawsuits
- Copyright Commitment program
- Commercial customers
- Reliance on Copilot filters
- Few products

Copilot

- Split-screen layout in Edge browser
- AI-enhanced moving wallpapers
- AI powered file recommendations
- AI review summaries Microsoft Store
- Native RGB peripheral controls
- File Explorer Gallery feature

Other features??

tasklist

```
Command Prompt
Microsoft Windows [Version 10.0.22621.2215]
(c) Microsoft Corporation. All rights reserved.

C:\Users\arifb>tasklist
```

Image Name	PID	Session Name	Session#	Mem Usage
System Idle Process	0	Services	0	8 K
System	4	Services	0	1,124 K
Secure System	108	Services	0	48,376 K
Registry	172	Services	0	38,328 K
smss.exe	588	Services	0	1,084 K
csrss.exe	8	Services	0	5,204 K
wininit.exe	1116	Services	0	5,768 K
csrss.exe	1136	Console	1	5,816 K
services.exe	1188	Services	0	14,768 K
LsaIso.exe	1208	Services	0	3,240 K
lsass.exe	1224	Services	0	26,176 K
svchost.exe	1356	Services	0	31,860 K
fontdrvhost.exe	1384	Services	0	2,564 K
WUDFHost.exe	1448	Services	0	14,052 K
svchost.exe	1504	Services	0	16,360 K
svchost.exe	1552	Services	0	9,904 K
winlogon.exe	1588	Console	1	11,768 K
fontdrvhost.exe	1672	Console	1	7,552 K
dwm.exe	1760	Console	1	161,528 K
svchost.exe	1788	Services	0	10,892 K
svchost.exe	1796	Services	0	4,876 K
svchost.exe	1820	Services	0	8,268 K
svchost.exe	1884	Services	0	12,316 K

Command Line prompts

- `chkdsk`

```
Administrator: Command Prompt - chkdsk
Microsoft Windows [Version 10.0.22621.2215]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>chkdsk
The type of the file system is NTFS.
Volume label is Local Disk.

WARNING! /F parameter not specified.
Running CHKDSK in read-only mode.

Stage 1: Examining basic file system structure ...
 1072384 file records processed.
File verification completed.
Phase duration (File record verification): 11.07 seconds.
 19147 large file records processed.
Phase duration (Orphan file record recovery): 8.04 milliseconds.
 0 bad file records processed.
Phase duration (Bad file record checking): 0.23 milliseconds.

Stage 2: Examining file name linkage ...
Progress: 9551 of 1290282 done; Stage: 0%; Total: 27%; ETA: 0:00:30 ..
```

- sfc/scannow

Administrator: Command Prompt - sfc /scannow

```
Microsoft Windows [Version 10.0.22621.2215]  
(c) Microsoft Corporation. All rights reserved.
```

```
C:\Windows\System32>sfc/scannow
```

```
Beginning system scan. This process will take some time.
```

```
Beginning verification phase of system scan.
```

```
_
```

- Diskpart

```
Administrator: Command Prompt - Diskpart
Microsoft Windows [Version 10.0.22621.2215]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>Diskpart

Microsoft DiskPart version 10.0.22621.1

Copyright (C) Microsoft Corporation.
On computer: SURFACELAPTOPST

DISKPART> list disk

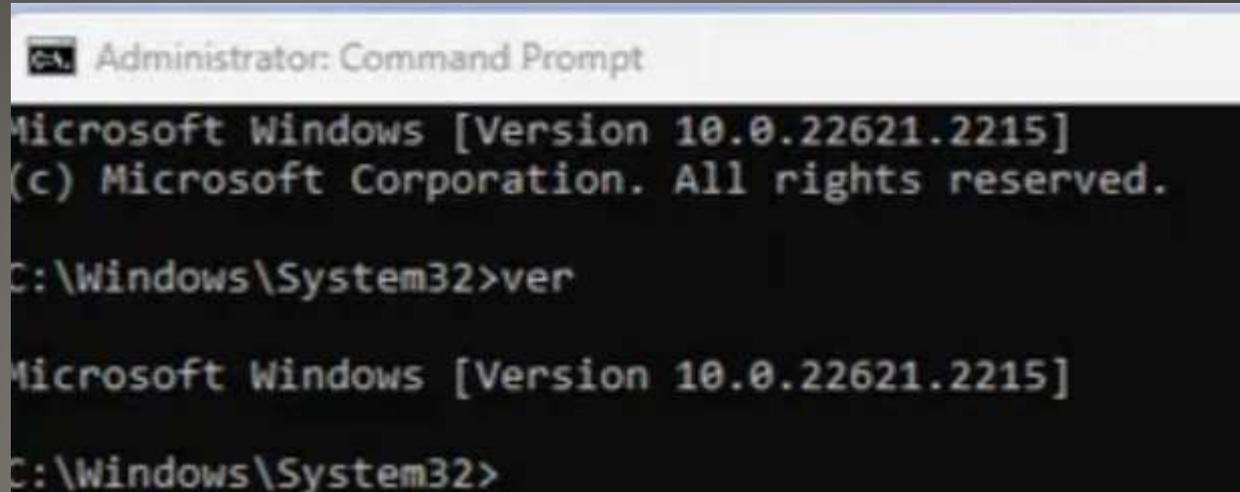
   Disk ###  Status              Size               Free               Dyn  Gpt
   -----  -
   Disk 0    Online              476 GB             1024 KB            *
   Disk 1    Online              238 GB              0 B                *
```

DISKPART> select disk 1

Disk 1 is now the selected disk.

DISKPART>

- ver



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.22621.2215]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>ver

Microsoft Windows [Version 10.0.22621.2215]

C:\Windows\System32>
```

- systeminfo

Administrator: Command Prompt

```
Microsoft Windows [Version 10.0.22621.2215]  
(c) Microsoft Corporation. All rights reserved.
```

```
C:\Windows\System32>systeminfo
```

```
Host Name: SURFACELAPTOPST  
OS Name: Microsoft Windows 11 Pro  
OS Version: 10.0.22621 N/A Build 22621  
OS Manufacturer: Microsoft Corporation  
OS Configuration: Standalone Workstation  
OS Build Type: Multiprocessor Free  
Registered Owner: arifbacchus19@live.com  
Registered Organization: N/A  
Product ID: 00330-80000-00000-AA329  
Original Install Date: 10/16/2022, 6:19:10 PM  
System Boot Time: 9/5/2023, 7:46:42 AM  
System Manufacturer: Microsoft Corporation  
System Model: Surface Laptop Studio  
System Type: x64-based PC  
Processor(s): 1 Processor(s) Installed.  
[01]: Intel64 Family 6 Model 140 Stepping 1 GenuineIntel ~3302 Mhz  
BIOS Version: Microsoft Corporation 18.105.143, 4/28/2023  
Windows Directory: C:\WINDOWS  
System Directory: C:\WINDOWS\system32  
Boot Device: \Device\HarddiskVolume1  
System Locale: en-us;English (United States)  
Input Locale: en-us;English (United States)  
Time Zone: (UTC-05:00) Eastern Time (US & Canada)  
Total Physical Memory: 16,218 MB  
Available Physical Memory: 6,865 MB
```

- assoc

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.22621.2215]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>assoc
.386=vxdfile
.3ds=Photoshop.3DSFileType.170
.3g2=WMP11.AssocFile.3G2
.3gp=WMP11.AssocFile.3GP
.3gp2=WMP11.AssocFile.3G2
.3gpp=WMP11.AssocFile.3GP
.8ba=Photoshop.PlugIn
.8bc=Photoshop.PlugIn
.8be=Photoshop.PlugIn
.8bf=Photoshop.PlugIn
.8bi=Photoshop.PlugIn
.8bp=Photoshop.PlugIn
.8bs=Photoshop.PlugIn
.8bx=Photoshop.PlugIn
.8by=Photoshop.PlugIn
.8li=Photoshop.PlugIn
.AAC=WMP11.AssocFile.ADTS
.abdata=Bridge.ABDATAFileType.12
.abr=Photoshop.BrushesFile
.acb=Photoshop.ColorBooks
.accda=Access.ACCDAExtension.16
.accdb=Access.Application.16
.accdc=Access.ACCDCFile.16
.accde=Access.ACCDEFile.16
.accdr=Access.ACCDRFile.16
.accdt=Access.ACCDTFile.16
```

- help

- Microsoft to drop third-party printer driver updates from Windows Update
- Xbox Mastercard
- Microsoft Event October 3
OneDrive offline mode?

- Your
- Turn

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

