

Sun City Summerlin Computer Club

Saturday Windows 11 *A Brief Tour of Windows 11 23H2*

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Agenda



- **Windows 11 23H2 - Tour**
 - **What's New and Different?**
 - **Key “Windows 11” Apps**
 - **Key Desktop Programs**
 - **Configuring and Customizing**
- **Hardware Requirements**
- **To Upgrade or Not**
- **How To Get Windows 11**
- **Windows 11 Compatibility Issues**
- **Moving Data, Settings & Programs**
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A Tour of Windows 11

What's New and Different

- **Web links:**
 - <https://www.windowcentral.com/software-apps/windows-11/windows-11-version-23h2-new-features-release-date-changelog-2023-update>
 - **Microsoft Video:** <https://insider.windows.com/en-us/home>
- **Windows 11 Start Menu redesigned; default location is in center.**
- **Task bar can't be moved.**
- **“Widgets” now open in a window from the Dock.**
- **Snapping and Docking of Windows, including saved layouts.**
- **Most Settings (Control Panel) now re-done as “Fluent Design UI” apps.**
- **Improved support for multiple concurrent Desktops.**
- **Search bar on the task bar has improved.**
- **Microsoft Teams is integrated (superseding Skype).**
- **Internet Explorer 11 is long gone!**

Some Key “Windows 11” Apps

- **Mail App**
 - Supports IMAP4 (default), Hotmail, Outlook.com, Gmail *and* POP3
 - Uses “Fluent UI” interface – takes some getting used to
 - MS Outlook 2010 & above will also install and run
 - Thunderbird also is compatible
- **Calendar App**
 - Wants you to sign in to your “Microsoft Account”
- **Photos - Viewer / Image Editor**
 - Wants you to sign in to your “OneDrive Account”
 - Accesses web photo accounts (Facebook, ...)
- **ClipChamp – Video Editor**
- **Groove Music App**
 - Music Player
 - Interface to the Xbox music store
- **File Explorer (“Computer”)**
 - Ribbon interface is gone; replaced with a multi-level Menu Bar
 - Functionality not much different than Windows 10

Windows 11 Settings

- **Winkey+I** brings up the Settings panel to access many settings tools.
 - Can also reach via **Start > Settings** (gear icon).
 - Includes **Control Panel**, **Network** and **“Change PC Settings”**.
- **Winkey+X** brings up the Desktop Quick Menu, which links to many system management functions.
- Right click on the Desktop background and choose **“Personalize”** or **“Screen Resolution”**.
- **Windows 11 “God Mode” Folder**
 - Comprehensive categorized panel of links to change Win 8 settings.
 - On Desktop, right click and choose **New > Folder**.
 - Name it **“God Mode.{ED7BA470-8E54-465E-825C-99712043E01C}”**
 - Demo ...

Hardware Requirements

- A PC that runs Windows 10 may not be able to run Windows 11
 - Key requirement is support for TPM 2.0 (Intel CPUs) or PSP 11.0 (AMD CPUs)
 - <https://www.microsoft.com/en-us/windows/windows-11-specifications>
- Windows 11 *requires* a 64-bit capable CPU (no 32-bit version) with Intel VT-x or AMD-V. **CPU must be on the MS “supported” list.**
- Tom’s *Recommended* Configuration:
 - 2.5 GHz or faster dual (or more) core 64-bit CPU, 8 GB of RAM or more.
 - TPM 2.0 (Intel) or PSP 11.0 (AMD) on CPU or add-on card or in UEFI BIOS.
 - DirectX 12 Graphics Card / Chip with WDDM 2.0 driver.
 - 60 GB free hard disk space on a 256 GB (or more) drive.
 - Solid State Drive for the system drive.
- There are few application compatibility issues
 - Most Windows 10 – compatible applications should run fine on a Windows 11 PC.
- There may be some device compatibility issues
 - Most 64-bit Windows 10 – compatible devices (printers, scanners, web-cams, ...) should run on Windows 11.

To Upgrade or Not?

- Windows 11 Home ships pre-installed on most new PCs.
 - \$500 to \$900 buys a very nice desktop or laptop PC.
 - For a desktop, recommend you have a 24" wide-screen flat panel.
 - Most new laptops have 1600 x 900 or higher screens, many with touch.
 - Biggest issue is transferring apps, settings and data from an old PC to the new one.
- Windows 10 is still mainstream and will be supported until late 2025 (maybe longer). For most SCSCC members, there's not much reason to upgrade an existing Windows 10 PC.
- If you're already on Windows 10, Windows 11 isn't very different and should be an easy upgrade *if your hardware is compatible*.

How To Get Windows 11 (1)

- **Easiest – Buy a *new* PC.**
 - Windows 11 Home comes pre-installed.
 - Product activation handled by the hardware vendor.
 - Windows 11 will be tested and verified by the vendor.
 - *Still need to install your other applications and data.*
- **If you're running Windows 10 on compatible hardware, Windows 11 will be offered automatically via Windows Update.**
 - Best to run the Windows 11 PC Health Check app before trying to install the upgrade. Checks your hardware and apps for compatibility.
 - Updates for existing Windows 10 PCs with compatible hardware reportedly became available as of Q1 of 2022.
 - For custom-built PCs, it may work well to install Windows 10 (using old or cheap product keys) and then let Windows Update deliver Windows 11.
- **Install using setup from [bootable] ISO, DVD or USB flash drive.**
 - <https://www.microsoft.com/software-download/windows11>
- **Persuade (or pay) someone to do Windows 11 Upgrade on your PC**

How To Get Windows 11 (2)

- **Retail PC Versions and Prices:**

	OEM
– Windows 11 Home <i>Built-in on most new retail PCs</i>	\$139 at MS
– Windows 11 Professional <i>\$99 to upgrade from Win 11 Home</i>	\$200 at MS
– Windows 365 (subscription)	\$45/mo per seat
- **Upgrade Price – FREE**
 - *To owners of Windows 10*
 - *To participants in the “Windows 11 Insider” Program.*
 - *An “in-place” upgrade is available via Windows Update only to systems running Windows 10.*
 - *Others can do a “clean install” upgrade using a downloaded setup image (burned to a dual-layer DVD or bootable flash drive).*
- *You can still activate a clean Win 11 install using a Windows 7, 8, 8.1 or 10 activation key.*

Windows 11 Compatibility Issues

- Run the Windows 11 PC Health Check App (demo)
- Hardware / Drivers
 - Windows 11 *requires* GUID Partition Tables, UEFI and Secure Boot
 - Also requires a UEFI BIOS (might be out of date on old PCs)
 - Windows 11 is only available as a 64-bit operating system ...
Hardware drivers must also be 64-bit!
 - May not be 64-bit Win 11 hardware drivers from MS or vendors for older devices
 - Video and Sound cards
 - SCSI Disk Controllers and Wireless LAN cards
 - Printers, faxes and Scanners
- System Utility / Tool software
 - Anti-virus and backup programs may need upgrades.
 - FAX, Scan and Print Tools may need upgrades.
- Application software – Especially OLD programs may not work
 - Games
 - Graphics applications
 - Video & music editors & players

Moving Data, Settings and Programs

- Automatic if you do an in-place *upgrade* over Windows 10.
Following are for new PCs and clean (from scratch) installs on old PCs.
- Windows 11 has no built in “Easy Transfer Tool”
 - You can manually transfer data files from an old PC to a Windows 11 PC
 - Transfer via an Ethernet LAN or an external USB flash or hard drive
 - You still need to reinstall all your applications.
- Consider Ease US Todo PCTrans Free 12.2
 - <http://www.easeus.com/free-pc-transfer-software/>
 - Claims to be a more complete solution.
 - Moves programs as well as settings and data.
 - Review indicates process is complex.
 - Also offer a paid “Pro” version for \$49.95.
- Consider Zinstall Easy Transfer Tool (\$119)
 - <http://www.zinstall.com/>

Windows 11 – Web Links

- TechRadar Article: <https://www.techradar.com/news/windows-11-home-and-pro>
- Microsoft's Windows Site: <http://windows.com>
- Linus Tech Tips - Windows 11 Upgrade Hacks:
<https://www.youtube.com/watch?v=NivpAiuH-s0>
- ZD-Net: [Windows 11 | ZDNet](#)
 - <https://www.zdnet.com/article/hate-windows-11-heres-how-to-make-it-work-more-like-windows-10/>

Questions And Answers