



Mankato Computer Technology University

The End of Windows 10

What You'll Learn:

- ▶ **Windows 10 End-of-Life:** What it means and how it affects security and functionality.
- Impact on Your Device:** What happens after support ends and risks of staying on Windows 10.
- Upgrading to Windows 11:** System requirements, upgrade process, and new features.
- Alternative Options:** What to do if your device isn't compatible with Windows 11.
- Q&A Session:** Get expert answers to your questions about Windows 10 and 11.

The End of Windows 10

- ▶ Stay informed about Microsoft's official support timeline.
- ▶ Ensure your device remains secure and up-to-date.
- ▶ Microsoft has announced that **Windows 10 will reach its end of support on October 14, 2025.**
- ▶ After this date, Microsoft will no longer provide security updates, bug fixes, or technical support for Windows 10.

What This Means for Users:

- **No More Security Updates** – Your PC may become vulnerable to viruses and cyber threats.
- **No New Features** – Microsoft will not release new functionalities for Windows 10.
- **Limited Software Support** – Over time, third-party apps and drivers may stop being updated for Windows 10.

What Are Your Options?

- **Upgrade to Windows 11** – If your PC meets the system requirements, you can upgrade for free.
- **Continue Using Windows 10 (Not Recommended)** – You can still use it, but without security updates, it may become risky.
- **Consider Alternative Operating Systems** – Linux distributions or purchasing a new PC with Windows 11 pre-installed.
- **Extended Support Options (For Businesses)** – Microsoft may offer paid extended support for enterprise customers.

System Requirements:



Processor: 1 GHz or faster, 64-bit compatible



RAM: 4GB or more



Storage: 64GB or more



TPM 2.0: Required for security



Graphics Card: DirectX 12 compatible



Display: 720p, 9" or larger screen

How to Check If Your Device Is Eligible for Windows 11

- ▶ Microsoft has specific system requirements for Windows 11. Here's how you can check if your PC is compatible:
- ▶ Method 1: Use the PC Health Check Tool (Recommended)
- ▶ Download the PC Health Check app from Microsoft:
 - ▶ Go to Microsoft's official PC Health Check page
 - ▶ Click Download PC Health Check App
- ▶ Install and open the app.
- ▶ Click "Check now" under the Introducing Windows 11 section.
- ▶ The tool will tell you if your PC meets the requirements.

Method 2: Manually Check System Requirements

To check these manually:

Processor & RAM:

- Press Windows + R, type **dxdiag**, and press Enter.

TPM 2.0 Check:

- Press Windows + R, type **tpm.msc**, and press Enter.
- If TPM 2.0 is enabled, you'll see **"The TPM is ready for use"**.

Secure Boot Check:

- Open **System Information** (Windows + R, type **msinfo32**, and press Enter).
- Look for **Secure Boot State**; it should say **"On"**.

What If My PC Isn't Compatible?

- ▶ If your PC doesn't meet the requirements, you have a few options:
 - ✔ **Enable TPM 2.0 & Secure Boot** in BIOS (many modern PCs have this disabled by default).
 - ✔ **Upgrade hardware** (e.g., more RAM, new CPU, or storage).
 - ✔ **Continue using Windows 10 until October 14, 2025** (but consider security risks afterward).
 - ✔ **Switch to an alternative OS**, such as Linux, if upgrading isn't an option.

What is Windows 11

- ▶ Windows 11 is Microsoft's latest operating system, released in October 2021 as the successor to Windows 10.
- ▶ It features a redesigned user interface, improved performance, and new productivity tools.



Key Features of Windows 11:

- **Revamped UI** – A fresh, centered Start Menu, rounded corners, and a more modern design.
- **Enhanced Performance** – Faster boot times, better energy efficiency, and improved multitasking.
- **Snap Layouts & Snap Groups** – Advanced window management for better multitasking.
- **Virtual Desktops** – Easily switch between different desktop setups for work, gaming, or personal use.
- **Microsoft Teams Integration** – Chat and call directly from the taskbar.
- **Better Gaming Performance** – Features like Auto HDR, Direct Storage, and improved Xbox integration.
- **Android App Support** – Run Android apps via the Amazon Appstore (limited availability).
- **Widgets Panel** – Customizable widgets for news, weather, and more.
- **Enhanced Security** – TPM 2.0 requirement for better security features like Windows Hello and Secure Boot.

Windows 11

- ▶ Microsoft's latest operating system, designed to enhance performance, security, and productivity. It features a fresh new design, improved gaming capabilities, and better multitasking tools. Here's everything you need to know!

Key Features of Windows 11

- ▶ **Modern User Interface**
 - Centered **Start Menu** with a minimalist design.
 - Rounded corners, glass-like transparency, and fluid animations.
 - Dark mode and customizable themes.

Key Features of Windows 11

- ▶ **Improved Productivity & Multitasking**
- **Snap Layouts & Snap Groups** - Easily organize multiple windows.
- **Virtual Desktops** - Create separate desktops for work, gaming, or personal use.
- **New File Explorer** - More modern UI with better performance.





Key Features of Windows 11

- ▶ **Better Performance & Security**
 - Faster boot times and improved energy efficiency.
 - TPM 2.0 & Secure Boot required for enhanced security.
 - Automatic updates in the background for minimal disruption.




Key Features of Windows 11

- ▶ **Gaming Enhancements** 🎮
 - **Auto HDR** - Improves lighting and colors in older games.
 - **Direct Storage** - Faster game loading times.
 - **Xbox Game Pass Integration** - Play a vast library of games.



Key Features of Windows 11

- ▶ **Android App Support** 
- Run Android apps via the **Amazon Appstore** (limited availability).
- Side-load APKs for additional flexibility.



Key Features of Windows 11

- ▶ **Microsoft Teams Integration**
 - Chat and call directly from the taskbar for quick access.

Key Features of Windows 11

- ▶ **Widgets Panel**
 - Personalized feed with news, weather, calendar, and more.



How to Upgrade to Windows 11

▶ Option 1: Windows Update (If Compatible)

1. Open **Settings > Update & Security > Windows Update**.
2. Click **Check for updates**.
3. If eligible, download and install Windows 11.

▶ Option 2: Installation Assistant

1. Download the **Windows 11 Installation Assistant** from Microsoft.
2. Run the tool and follow the instructions.

▶ Option 3: Clean Install (ISO Method)

1. Download the **Windows 11 ISO** from Microsoft.
2. Create a bootable USB using **Rufus** or the **Media Creation Tool**.
3. Boot from USB and install Windows 11.



FAQ about Windows 11

- ▶ **What Happens If My PC Doesn't Meet the Requirements?**
 - You can install Windows 11 using unofficial methods, but **Microsoft may block updates**.
 - Upgrading hardware (RAM, CPU, TPM) may help.



FAQ about Windows 11

- ▶ **Can I Downgrade Back to Windows 10?**
 - Yes, within **10 days** after upgrading.
 - After 10 days, a clean installation is required.

A photograph of a window with white lace curtains and a flower box filled with red and pink flowers. The window is set in a light-colored wall with wooden shutters on either side. The background of the slide is a dark blue and green geometric pattern.

FAQ about Windows 11

- ▶ Is Windows 11 Free?
 - Yes, for Windows 10 users with a genuine license.

FAQ about Windows 11

**How Long Will
Windows 10 Be
Supported?**

**Windows 10 support
ends on October 14,
2025.**

Final Thoughts

- ▶ Windows 11 brings a fresh design, better gaming performance, and improved security. If your PC meets the requirements, it's worth upgrading!