Microsoft

Windows 7 system requirements

Support for Windows 7 ended on January 14, 2020

We recommend you move to a Windows 11 PC to continue to receive security updates from Microsoft.

If you want to run Windows 7 on your PC, here's what it takes:

- 1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor*
- 1 gigabyte (GB) RAM (32-bit) or 2 GB RAM (64-bit)
- 16 GB available hard disk space (32-bit) or 20 GB (64-bit)
- DirectX 9 graphics device with WDDM 1.0 or higher driver

Additional requirements to use certain features:

- Internet access (fees may apply)
- Depending on resolution, video playback may require additional memory and advanced graphics hardware
- Some games and programs might require a graphics card compatible with DirectX 10 or higher for optimal performance
- For some Windows Media Center functionality a TV tuner and additional hardware may be required
- Windows Touch and Tablet PCs require specific hardware
- HomeGroup requires a network and PCs running Windows 7
- DVD/CD authoring requires a compatible optical drive
- BitLocker requires Trusted Platform Module (TPM) 1.2
- BitLocker To Go requires a USB flash drive
- Windows XP Mode requires an additional 1 GB of RAM and an additional 15 GB of available hard disk space.
- Music and sound require audio output

Product functionality and graphics may vary based on your system configuration. Some features may require advanced or additional hardware.

PCs with multi-core processors:

Windows 7 was designed to work with today's multi-core processors. All 32-bit versions of Windows 7 can support up to 32 processor cores, while 64-bit versions can support up to 256 processor cores.

PCs with multiple processors (CPUs):

Commercial servers, workstations, and other high-end PCs may have more than one physical processor. Windows 7 Professional, Enterprise, and Ultimate allow for two physical processors, providing the best performance on these computers. Windows 7 Starter, Home Basic, and Home Premium will recognize only one physical processor.

* Prior versions of Windows, including Windows 7 and Windows 8.1, have limited support when running on new processors and chipsets from manufacturers like Intel, AMD, NVidia, and Qualcomm. For more information, please see the Support Lifecycle FAQ. A device may not be able to run prior versions of Windows if the device hardware is incompatible, lacking current drivers, or otherwise outside of the Original Equipment Manufacturer's ("OEM") support period.