

Choose from over 10,000 individual feature components based on Windows XP Professional binaries to achieve optimum functionality in a reduced footprint.

- Select only the features you want to create a customized device design with Windows Embedded Studio.
- Build devices that enable rich multimedia and Web browsing experiences by using features such as Microsoft Windows Media® Player 9, Microsoft DirectX® 9, and Microsoft Internet Explorer 6.
- Bring up your device and store your image through a variety of technologies, such as starting from flash, floppy disk, Pre-Boot Execution Environment (PXE), and CD.
- Choose from a number of ways to seamlessly deploy and service your image, such as Remote Boot, System Deployment Image Manager, Device Update Agent, Software Update Services, and Microsoft Windows Preinstallation Environment (Windows PE).

Reduce time to market by taking advantage of a familiar programming model and a powerful set of tools.

- Use standard commodity computer hardware and run Microsoft Win32® applications, drivers, and services.
- Take advantage of familiar features such as drag-and-drop operations and the same overall look and feel as the desktop version of the product.
- Take advantage of the knowledge and expertise of more than 6 million developers worldwide who are using Microsoft Visual Studio® and Microsoft Visual Studio .NET for rapid application development.
- Use a rich end-to-end tool suite to quickly build a platform based on the requirements of your target device.

Windows XP Embedded provides industry leading reliability, performance, and security technology to enable dependable solutions.

- Built upon the proven code base of Windows XP, Windows XP Embedded takes advantage of a 32-bit computing architecture, fully protected memory model, and features such as device driver rollback and driver signing.
- Supports industry security standards such as Kerberos, Internet Protocol security (IPsec), and smart card, providing enterprise-level security for your device.
- Based on a smaller, more modular platform (than Windows XP Professional), which inherently leads to increased reliability.

What Windows XP Embedded Includes:

Versatile embedded-enabling features, such as flexible boot and storage options and headless support.

Powerful Windows Embedded Studio development tools:

- Target Designer: Create, customize, and build a bootable run-time image.
- Component Designer: Create or modify components.
- Target Analyzer: Analyzes content of target hardware and creates a file to import into Target Designer or Component Designer.
- Component Database Manager: A tool for effectively managing your component database and repositories.

To develop with Microsoft Windows XP Embedded, you need:

- CD-ROM or DVD-ROM drive
- Microsoft Mouse or compatible pointing device
- VGA or higher resolution monitor, 1024x768 display recommended

Additional items or services required depending upon the Windows XP Embedded installation type chosen:

For tools-only configuration:

- PC with 500 MHz or higher processor, Pentium-class recommended
- Microsoft Windows 2000 with Service Pack 4 or Windows XP Professional with Service Pack 1
- 128 MB of RAM minimum, 256 MB or higher recommended
- Microsoft Internet Explorer 5.5 or later
- 20 MB of available hard-disk space

For database-only configuration:

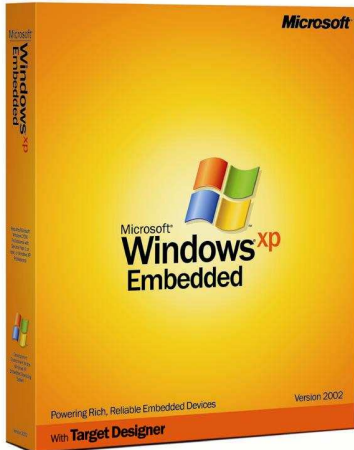
- Microsoft Windows 2000 with Service Pack 2 or later, or Windows XP operating system minimum; Windows 2000 Server with Service Pack 2 or later recommended
- 128 MB of RAM minimum, 256 MB or higher recommended
- 3 GB of available hard disk space
- Network connection

For tools and database configuration on a single computer:

- PC with 728 MHz or higher processor, Pentium-class recommended
- Microsoft Windows 2000 with Service Pack 2 or Windows XP operating system
- 512 MB of RAM minimum; 1 GB or higher recommended
- Microsoft Internet Explorer 5.5 or later
- 3.2 GB of available hard-disk space

For information about the Remote Boot service, visit:

<http://www.microsoft.com/windows/Embedded/xp/evaluation/features/remotboot.asp>



Windows XP Embedded is the operating system and development platform delivering the power of the Windows operating system in componentized form to rapidly build reliable and advanced embedded devices.

Based on the same binaries as Microsoft® Windows® XP Professional, Windows XP Embedded enables developers to choose from over 10,000 individual feature components to achieve optimum functionality in a reduced footprint. Windows XP Embedded also allows you to reduce time to market by taking advantage of a familiar programming model and a powerful set of tools. In addition, Windows XP Embedded delivers industry-leading reliability, performance, and security along with the latest multimedia, Web browsing, power management, and device support.

For More Information

Please visit the Windows XP Embedded Web site at <http://msdn.microsoft.com/embedded>.