New Customer Data Sheet

Provides a high level overview of Windows XP Embedded with SP2

Windows XP Embedded with Service Pack 2 is the operating system and development platform that enables you to build more secure embedded device experiences.

Based on the same binaries as Microsoft® Windows® XP Professional Service Pack 2, Windows XP Embedded with Service Pack 2 enables developers to build more secure embedded devices by including features such as the new Windows Firewall and a hardened Microsoft Internet Explorer. Windows XP Embedded with Service Pack 2 lends enterprise-class manageability by providing support for features such as Software Update Services (SUS) and Microsoft Systems Management Server (SMS). In addition, Windows XP Embedded with Service Pack 2 supports more innovative embedded device experiences through its advanced multimedia and networking capabilities.

For more information, please visit the Windows XP Embedded Web site at http://msdn.microsoft.com/embedded

Windows XP Embedded with Service Pack 2 contains the latest security innovations from Microsoft, providing more secure embedded device experiences.

- Use the new Windows Firewall, which ships automatically enabled and allows you to open and close certain ports, based on the network topology you plan to deploy the device into.
- Browse the Web in a more secure fashion by using the new Internet Explorer, block pop-ups, and receive warnings about potentially harmful downloads.
- Take advantage of memory-protecting capabilities. Core Windows features have been recompiled with our latest Microsoft Visual Studio® compiler and we also support hardware-enforced "No Execute" (NX).
- Provide safer attachments through our enhanced Microsoft Outlook® Express and Windows Messenger features.

Windows XP Embedded with Service Pack 2 provides for enterprise-class manageability of both operating system and application-level updates, allowing users to more easily protect their devices.

- Enable your customers to quickly protect their devices with security updates by using SUS.
- Manage your line-of-business applications by using SMS 2003.

Windows XP Embedded with Service Pack 2 contains industry-leading technology, giving you the ability to build increasingly innovative embedded devices.

- Deliver more powerful audio and video playback and graphics rendering by using Microsoft Windows Media® Player 9 and Microsoft DirectX® 9.
- Enable your device to communicate through a wider variety of industry-standard protocols by using Bluetooth and Remote Desktop Protocol version 5.2.
- Build the latest applications with advanced managed code by taking advantage of our support for the Microsoft .NET Framework version 1.1.
  Bring your device to market faster by using expanded component help and our application compatibility macro components.

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/ remoteboot.asp

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