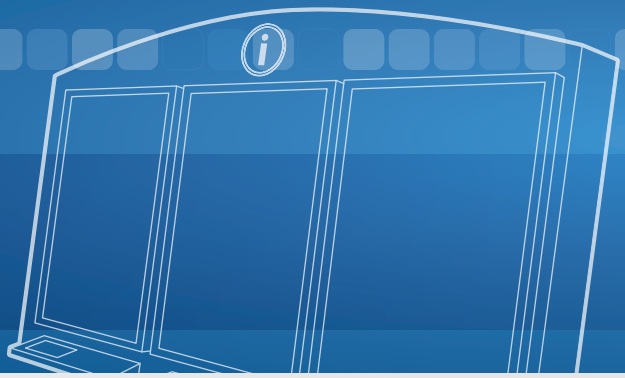
Windows Embedded Standard 7

Now includes Windows Embedded Standard 7 Service Pack 1



→ Windows Embedded Standard 7 brings the technology and rich user experiences of Windows 7 to enterprise and media centric devices. Its enhanced features and familiar tools help OEMs make the journey from concept to creation quickly. Visit www.windowsembedded.com/standard.

High performance embedded solutions share a **high confidence platform**

Windows® Embedded Standard 7 provides OEMs with a powerful, security enhanced, and flexible platform on which to build innovative products. Enhanced features and tools significantly reduce costs and accelerate time-to-market.

EMBEDDED TOOLS

Windows Embedded Standard 7 includes an easy-to-use Image Build Wizard (IBW) and other embedded tools which speed up image development and prototyping, allowing developers to innovate on new hardware configurations.

FLEXIBLE OPTIONS

Windows Embedded Standard 7 includes more than 150 intuitive feature packages and 500 driver sets—everything developers need to build fixed function devices.

SIMPLE INTEGRATION

IPv6 support, including a new TCP/IP stack, and added security through Network Access Protection (NAP), enable easy integration into the enterprise network.

A WORLD OF SUPPORT

OEMs will benefit from the vibrant development and partner ecosystem of Microsoft® and Windows Embedded. These industry-leading IHVs, ISVs, and distributors can help to ensure the timely delivery and marketability of embedded devices.

10 YEARS

Windows Embedded products are covered by an industry leading 10-year support program ***plus a product availability of 15 years.***

Smart, compelling devices that offer **endless possibilities**

Windows Embedded Standard 7 gives Embedded OEMs the ability to create exceptional user experiences based on Windows technologies.

RICH MEDIA

Features such as Internet Explorer® 8, Windows Media Center, and Windows Media® Player 12 bring Web capabilities and multimedia experiences of the desktop to embedded devices. The addition of Remote Desktop Protocol 7.1 and RemoteFX from Service Pack 1 also enable rich media experience on remote client devices.

COMPELLING EXPERIENCES

Support for 64-bit hardware and high end graphics, combined with multi-touch gestures and context aware applications, make it possible for developers to create immersive user interfaces.

INNOVATIVE FEATURES

"Green" power management, custom shell, branding support, and lock down features like AppLocker™ and Bitlocker® are all built-in.

Windows Connected

The robust networking, remote management capabilities, and interoperability of Windows Embedded Standard 7 allows devices to seamlessly connect to other networked devices, Windows PCs, servers, and services. New features like Remote Desktop Protocol 7.1, DirectAccess, and BranchCache™ take connectivity to a new level.

→ Download a free 180-day trial of Windows Embedded Standard today at: **www.windowsembedded.com/downloads**

Microsoft

Windows Embedded Standard 7
Features at a Glance

High-Confidence Platform

Focus on core competencies

- Differentiate product offerings based on hardware/software/applications and user experience instead of platform development

Reduce development costs using embedded features

- VHD boot, Hibernate Once Resume Many (HORM), custom shell support, OEM branding experience, notification, and popup suppression
- SD Boot with Windows Embedded Standard SP1, allows OEMs to deploy images to an SD Card, decreasing hardware costs
- Enhanced Write Filter, File Based Write Filter, AppLocker, and BitLocker allow you to lock down the device

Increase flexibility to build special purpose devices

- Flexibility to configure and assemble the image on the device
- Add features, drivers, and language packs either directly to the device or to the image on the developer machine
- The new SKU Compliance Package in Windows Embedded Standard SP1 ensures OEMs include the right features for their devices'

Integrate into secure enterprise networks

- Certified support for IPv6 in addition to IPv4 support
- Latest wireless networking and added security features through Network Access Protection (NAP)

Take advantage of embedded technical resources during development

- Large, active developer and partner community with deep expertise on Windows Embedded Standard technology

Use industry standard tools for embedded application development

- Compatibility with Windows tools and resources gives OEMs access to the skills of the Windows developer community

Endless Possibilities

Provide rich immersive user experiences on embedded devices

- Use multi-gesture touch interfaces and context aware applications

Build premium devices that utilize high end hardware capabilities

- Support for 64-bit (x64) CPUs in addition to the 32-bit (x86) to build high end embedded systems
- Intuitive and innovative Aero interface, Windows Flip 3D navigation, improved task bar functionality, and jump lists

Customize to support customer requirements

- Custom shell support to include customer branding and unique user experiences
- Easily use a broad range of applications and connect to specific sets of peripherals

Target new markets with innovative solutions

- BitLocker, BitLocker-to-go™, and AppLocker provide more security options for OEMs
- Support for global broadcast TV standards and Internet media enable creation of powerful consumer 'hybrid' devices

Develop energy saving solutions through smart power management

- Offers smart power management APIs for developers to build applications that can improve the idle time on the CPU

Windows Connected

Access the latest Windows desktop technology innovations

- Security enhanced browser; Internet Explorer 8.0, enhanced media experience; Windows Media Player 12, improved client server experience with RemoteFx; Remote Desktop Protocol 7.1, and the latest .NET Framework

Increase interoperability and seamless experience for client/server scenarios

- Access a server-based infrastructure like Remote Desktop Services or Virtual Desktop Infrastructure (VDI) on a hypervisor

Connect devices into existing enterprise desktop infrastructure

- Embedded devices can be added to domains and allow Active Directory® group policies to be applied
- Microsoft System Center Configuration Manager (SCCM) and other third party management software allows OEMs to reuse existing investments
- Improved enterprise remote connectivity through features like DirectAccess and BranchCache

Cut complexity and costs from deployment and servicing

- Choose from any of the Windows deployment tools like Windows Deployment Services, Sysprep, ImageX, or boot from USB
- Choose from direct OEM servicing or take advantage of automatic servicing options like Windows Update or Windows Server® Update Services

Windows Embedded Standard 7 is available in three licensing options:

WS7C: Designed exclusively for connected media devices in the consumer market such as networked TVs, set top boxes, and DVD players.

WS7E: Designed to enable next generation enterprise class devices such as thin clients, multifunction printers, MRI machines, and other device categories.

WS7P: Designed to enable high-end enterprise and consumer class devices like digital signs, kiosks, and other device categories.

To find out which is best for your device, visit: **www.windowsembedded.com/standard**

© 2011 Microsoft Corporation. All rights reserved. Part No. 098-117237

Microsoft