



- **Windows Embedded Standard 8** is a componentized version of Windows 8 with additional technologies that extend the power of Windows to specialized devices. Devices built with Windows Embedded Standard 8 are line of business solutions that also help businesses collect data throughout their process and transform that data into intelligence for lasting competitive advantage. Learn more at www.windowsembedded.com/wes8ctp

Build specialized devices on technologies you trust

Windows Embedded Standard 8 brings the security technologies from Windows 8 like BitLocker, Secure Boot, and TPM support to specialized devices to help protect sensitive business information. Additionally, Standard 8 provides technologies like Write Filters and Gesture Filters, which allow you to ensure the device configuration while in use. Help ensure your device is highly secure and highly reliable by building on Windows Embedded Standard 8.

Create differentiated devices

With innovations like Metro style applications, multi touch, and Kinect for Windows on Windows Embedded Standard 8, you can deliver immersive, natural user experiences to make your device stand out. Additionally, Windows Embedded Standard 8 enables device makers to deliver a custom branded experience throughout the device to further define the user experience.

Extend business intelligence

Devices built with Windows Embedded Standard 8 work with Microsoft Active Directory for seamless enterprise identity and access management. Devices powered by Standard 8 can be managed by Microsoft System Center alongside Windows PCs and other IT assets. Standard 8 based devices can also connect to IT assets like Windows Azure and Windows Server to access business critical information.



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

Key Benefits

- Run your existing Windows LOB application or create a new experience with **Metro style applications**.
- Deliver an **immersive, natural user experience** with multi touch and Kinect for Windows.
- Use the **enhanced security and lockdown features** to help protect your device, data and network.
- **Connectivity to IT systems and the cloud** that keep your devices connected to the information that matters most.
- Manage the device with **Microsoft System Center and Windows Embedded Device Manager**.
- **Create a custom OS image** to deliver the necessary functionality for the device.
- **Updated OS development tools** to improve time to market.
- **Enable mobility** with new power management and wireless technologies.

- Download a copy of the Windows Embedded Standard 8 Community Technology Preview at: www.windowsembedded.com/wes8ctp

Windows Embedded Standard Features at a Glance



Trusted Platform

Trusted technologies

Security, management and reliability benefits of Windows 8.

- **BitLocker** for hardware recovery, hard drive encryption and protection from cold-boot attacks
- **Secured Boot and Measured Boot** (TPM, UEFI chain-of-trust) helps ensure that only verified OS image can boot; adds early malware protection
- **Hibernate-Once-Resume-Many** restarts devices the same way every time

Windows Embedded Lockdown

Control the device configuration and user experience.

- Block users from saving to hard-drives using the **Universal Write Filter**
- **Keyboard Filter** blocks special key-combinations on both physical and virtual keyboards
- Suppress Windows system dialogs with the **Dialog Filter**
- Enable a consistent application experience with the **Gesture Filter** to define touch interactions
- Manage and configure lockdown technologies with **Unified Configuration Tool**

Differentiated Devices

Line-of-business applications

Windows Embedded Standard 8 supports your existing Windows applications and new Metro style applications.

- **Application compatibility**
Application compatibility with your existing Windows line-of-business applications
- **Metro style applications**
Use the clean, modern design of Metro style applications

Create unique OS configurations

Module based approach to device OS creation.

- **Drive efficiencies** by creating a custom image with only necessary functionality included
- Integrate custom and third party modules with **Module Designer**

Custom Branding

Present your brand experience to users.

- Deliver a custom experience from start up through shut down

Powerful Connectivity

Comprehensive connectivity that integrates mobile, wireless and fixed networks to keep devices connected to data and corporate networks.

Extending Business Intelligence

Access to the enterprise and business-critical data

Enterprise integration for Windows Embedded Standard 8 devices for identity, access management and enterprise management tools.

Identity and access management

- Microsoft Active Directory
- Microsoft Group Policy

Enterprise management tools

Manage Windows Embedded systems efficiently.

- **Embedded Device Manager**, together with **System Center Configuration Manager**, operating system and application deployment, updating, inventory and asset management, and security management
- **System Center Operations Manager** for monitoring, reporting, audits and alerts

Access to business critical data

- **Cloud connectivity** to Windows Azure Storage for structured or unstructured data, as well as asynchronous messaging, with REST APIs
- **Cloud connectivity** to SQL Azure Database for highly available, highly scalable, fault-tolerant RDMS managed service

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