Windows Server 2016 Benefits & Licensing Guide for Embedded/IoT Systems

By choosing Microsoft OEM Windows Server 2016 for Embedded Systems, OEMs can provide secure, comprehensive solutions with uncompromising security, performance, and flexibility. Additionally, the Microsoft ecosystem provides OEMs with the applications and partner relationships to deliver end market solutions in a timely and efficient manner.

Windows Server 2016 for Embedded Systems (OEM) is the cloud-ready operating system that supports demanding workloads while introducing new technologies that make it easy for OEMs to transition to cloud computing when they are ready. It delivers powerful new layers of security along with Azure-inspired innovation for the applications and infrastructure that power business.

Target end-markets

- **Retail systems**
- **Factory automation**
- **Healthcare**
- **Security and surveillance**
- **Digital signage**
- **Transportation**

Key Benefits of Windows Server 2016 for Embedded Systems (OEM) Include

Security	Performance	Flexibility
– Helps secure access by granting time-fenced administration credentials for specific tasks – Keep unauthorized users from extracting credentials from a machine – Prevent unauthorized applications and devices from accessing your systems	– Improves server utilization – run more workloads – Supports up to 6X more physical (host) memory and up to 12X more virtual machine memory than Windows Server 2012 – Supports up to 240 VPs per VM, 3.75X Windows Server 2012 R2	– Easily connects to devices and solutions on other platforms with open source compatibility – Enables more connections and improve graphics experience as part of desktop virtualization – Provides advanced analytics

Upgrading to Server 2016 from Older Versions

It is strongly recommended that systems running on Windows Server 2008 or older versions upgrade to the Server 2016.

Using the Windows Server 2008 Version?

On Jan. 14, 2020, Microsoft will end support for the widely used Windows Server 2008 R2 operating system. No support and no security updates will be provided after this date. This will leave any Windows 2008 appliances vulnerable to attacks due to Microsoft no longer releasing security patches.

While 2020 may seem distant, upgrading to a new OS takes time to gather information, plan and establish best practices. Software and services compatibility, certifications and other aspects must be researched in advance to enable a smooth transition.

Next Step – The Embedded/IoT OEM Customer License Agreement (OEM CLA)

The OEM CLA is your first step to Windows Embedded/IoT Licensing for your next design. It is a standard set of general terms and conditions agreement that each OEM must sign to acquire Windows Embedded/IoT licensed products and distribute your product with a Windows Embedded/IoT license. Click here to request a CLA agreement.

For more information on the Microsoft Embedded/IoT Program and the CLA process, watch these two videos

Overview of the Microsoft Embedded Program and how to join
Overview of the Microsoft CLA process

The Microsoft experts at Arrow Intelligent Systems guide OEMs and System Integrators needing direction and advise on the upgrade process and implementation. For help, please send an email to msembedded@arrow.com.

Windows Server 2008 End of Support Coming Soon!

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In partnership with:

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12_22_2021