



Windows Server 2008 datasheet

Windows Server® 2008, with built-in web and virtualisation technologies, is designed to provide organisations with increased reliability and flexibility for their server infrastructure. New virtualisation tools, web technologies and security enhancements help save time, reduce costs and provide a platform for a dynamic datacenter.

Powerful new tools like Internet Information Server 7.0 (IIS7), Windows Server Manager and Windows PowerShell™ offer more control over servers, and streamline web, configuration and management tasks. In addition, advanced security and reliability enhancements like Network Access Protection (NAP) and the Read-Only Domain Controller (RODC) harden the operating system and protect the server environment to help create a solid foundation on which to build businesses.

Web

Windows Server 2008 is a powerful web application and services platform that provides organisations with the ability to deliver rich web-based experiences efficiently and effectively. The release of Internet Information Server 7.0 (IIS7) as part of Windows Server 2008 offers improved administration and diagnostics, better development and application tools, as well as lower infrastructure costs. It is also a completely modular, extensible web server with expanded application hosting, that retains excellent compatibility and helps solve key customer challenges.

Virtualisation

With its built-in server virtualisation technology Windows Server 2008 enables organisations to reduce costs, increase hardware utilisation, optimise their infrastructure and improve server availability. Server virtualisation on Windows Server 2008 uses a 64-bit hypervisor-based platform for increased reliability and scalability. Hyper-V™ helps organisations optimise their hardware resources through server consolidation. Hyper-V also leverages components of the Windows Server 2008 platform like failover clustering to provide high availability and Network Access Protection to quarantine unhealthy virtual machines.

Security

Windows Server 2008 is the most secure Windows Server ever. Its hardened operating system and security innovations, including Network Access Protection, Federated Rights Management and Read-Only Domain Controller, provide unprecedented levels of protection for an organisations data. Windows Server 2008 includes security and compliance enhancements, more advanced encryption and tools that improve auditing and secure startup. It helps organisations to prevent data theft with Rights Management Services, BitLocker™ and group policy technologies.

Solid foundation for Business Workloads

Windows Server 2008 is the most flexible and robust Windows Server operating system to date. With new technologies and features such as Server Core, PowerShell, Windows Deployment Services, enhanced networking and clustering technologies, Windows Server 2008 provides you with the most versatile and reliable Windows platform for all your workload and application requirements.



Key Benefits

- A rock-solid server foundation that is secure, manageable, responsive, interoperable and compatible
- A platform that supports rapid development and delivery of smart and connected applications
- Agility to increase operational efficiency and IT effectiveness
- Policy-based networking, improved branch management and enhanced end-user collaboration
- An application platform that provides flexible solutions, connected systems and rich user experiences
- A platform that provides a more secure and reliable IT infrastructure, to help organisations meet project objectives on time and within budget, allowing staff to focus on priorities important to the company

Why Upgrade to Windows Server 2008?

Windows Server 2008 is a next-generation server operating system that helps organisations maximise control over their infrastructure, while providing unprecedented availability and management that leads to a significantly more secure, reliable and robust server environment. Windows Server 2008 builds on the success and strengths of the award-winning Windows Server 2003 operating system, as well as on the innovations delivered in Service Pack 2 for Windows Server 2003 and Windows Server 2003 R2. However, Windows Server 2008 is far more than a refinement of preceding operating systems. Windows Server 2008 delivers exciting, valuable new functionality and powerful improvements to the core operating system to help organisations of all sizes increase control and manageability, provide high availability and have more flexibility for their changing business needs.

Options: Enterprise, Datacenter and for Itanium-Based Systems

Windows Server 2008 Enterprise, Datacenter and for Itanium-Based Systems editions provide the basis for the most demanding applications which require additional scalability and availability. These editions contain powerful clustering capabilities, dynamic hardware partitioning features and additional virtualisation licensing rights, combined with support for more processors and RAM, providing an enterprise-class foundation on which to build a dynamic, highly-available, optimised datacenter.

System Requirements

To use Windows Server 2008 you need: a minimum 1 GHz (x86) or 1.4 GHz (x64) processor, 512 MB RAM and 10 GB of disk space. A 2GHz (or faster processor), 2 GB or more RAM and 40 GB or more disk space is recommended. Actual requirements will vary based on your system configuration and the applications and features you choose to install.

Top 10 Reasons to Consider	Key Features
Windows Server virtualisation	Windows Server Virtualisation (Hyper-V) with System Center Virtual Machine Manager
A world-class web and applications platform	Internet Information Services 7.0 (IIS7), ASP.NET, Windows Communication Foundation and Microsoft® Office SharePoint® Services
Improved networking performance	Integrated IPSec and the new Windows Firewall with Advanced Security
Enhanced security and compliance	Enhanced Auditing, Drive Encryption, event forwarding and Rights Management Services
Take back control of branch offices	Active Directory, including Read-Only Domain Controllers featuring BitLocker and Server Core
Server management made easier	Server Manager Console
Enhanced scripting and task automation	Windows PowerShell – with more than 120 standard command-line tools and consistent syntax and utilities
Centralised application access	Terminal Services, Remote Applications and Terminal Services Gateway
Protect unhealthy computers from entering network	Network Access Protection
Better together with Windows Vista®	Sharing a number of new technologies across Networking, storage, security and management

For more information, please see www.microsoft.com/uk/windowsserver2008