Data Sheet

Windows Server® 2008 Operating System
The next generation of the Windows Server operating system.

Windows Server® 2008 builds on the success and strengths of the award-winning Windows Server® 2003 operating system. In addition to new functionality, Windows Server 2008 provides powerful improvements to the base operating system.

Numerous enhancements help save time, reduce costs, and optimize infrastructure. Advanced features like Network Access Protection and the Read-Only Domain Controller enhance security features. Powerful new tools like IIS7, Windows Server Manager, and Windows PowerShell™ simplify management and configuration. And built-in Web and virtualization technologies help increase reliability and flexibility.

Best of all, Windows Server 2008 provides a solid, yet flexible, foundation for growth. You can install only the components you need now and add what you want later. And with Powershell, you'll be able to automate routine tasks and free up employees for high-value projects.

Install a solid foundation for growth.
Start with the Windows Server 2008 roles and features you need now and add what you want as your business expands. Server Manager Console provides one convenient, unified server management solution. Want to save time by automating routine system administration tasks? Windows Powershell makes it easy, freeing highly skilled people for high-priority projects.

Enhance data and network security features.
Windows Server 2008 provides a highly secure server environment. Its hardened operating system and advanced security features provide enhanced levels of protection for your network, your data and your business.

Network Access Protection helps prevent unhealthy computers from accessing and compromising your company's network. Read-only Domain Controller helps provide increased security at branch office locations. And Active Directory Federation Services enables your company to collaborate more securely with partners over existing account infrastructure.

Help reduce costs through Windows Server virtualization.
Virtualization is available built into the operating system. You'll want to shift to powerful 64-bit servers so you can virtualize multiple operating systems on one server and take advantage of these benefits:
- Reduced hardware and power costs through server consolidation
- Increased hardware utilization
- Optimized infrastructure
- Improved server availability

New Terminal Services technologies enable access from almost any computing device to a Windows-based server without the need for a VPN. You can create an agile and dynamic datacenter to meet your changing business needs.

Deliver richer web experiences.
Windows Server 2008 helps you provide superior web-based solutions, with improved administration and diagnostics, and powerful tools. Simplify Web server management with Internet Information Services 7.0. Deliver comprehensive and flexible applications that connect users to each other and to their data, enabling them to visualize, share, and act on information.

Windows Server 2008 Product Descriptions.

Edition	Summary
Windows Server® 2008 Standard	Windows Server 2008 is a robust operating system. With built-in, enhanced Web and virtualization capabilities, it is designed to increase the reliability and flexibility of your server infrastructure while helping save time and reduce costs. Powerful tools give you greater control over your servers and streamline configuration and management tasks. Plus, enhanced security features work to harden the operating system to help protect your data and network and provide a solid, highly-dependable foundation for your business.
Windows Server® 2008 Enterprise	Windows Server 2008 Enterprise delivers an enterprise-class platform for deploying business-critical applications. Help improve availability with clustering and hot-add processor capabilities. Help improve security with consolidated identity management features. Help reduce infrastructure costs by consolidating applications with virtualization licensing rights. Windows Server 2008 Enterprise provides the foundation for a highly dynamic, scalable IT infrastructure.
Windows Server® 2008 Datacenter	Windows Server 2008 Datacenter delivers an enterprise-class platform for deploying business-critical applications and large-scale virtualization on small and large servers. Improve availability with clustering and dynamic hardware partitioning capabilities. Help reduce infrastructure costs by consolidating applications. Scale from 2 to 64 processors. Windows Server 2008 Datacenter provides a foundation on which to build enterprise-class virtualization and scale-up solutions.
Windows Web Server® 2008	Designed to be used specifically as a single-purpose Web server, Windows Web Server 2008 delivers on a rock solid foundation of Web infrastructure capabilities in the next generation Windows Server 2008. Integrated with the newly re-architected IIS 7.0, ASP.NET, and the Microsoft .NET Framework, Windows Web Server 2008 enables any organization to deploy Web pages, Web sites, Web applications, and Web services more rapidly.
Windows Server® 2008 Standard without Hyper-V™	Windows Server 2008 is the most robust Windows Server operating system to date. It is designed to increase the reliability and flexibility of your server infrastructure while helping save time and reduce costs. Powerful tools give you greater control over your servers and streamline configuration and management tasks. Plus, enhanced security features work to harden the operating system to help protect your data and network and provide a solid, highly-dependable foundation for your business. This product does not include Windows Server Hyper-V.
Windows Server® 2008 Enterprise without Hyper-V	Windows Server 2008 Enterprise delivers an enterprise-class platform for deploying business-critical applications. Improve availability with clustering and hot-add processor capabilities. Improve security with consolidated identity management features. Help reduce infrastructure costs by consolidating applications. Windows Server 2008 Enterprise provides the foundation for a highly dynamic, scalable IT infrastructure. This product does not include Windows Server Hyper-V.
Windows Server® 2008 Datacenter without Hyper-V	Windows Server 2008 Datacenter delivers an enterprise-class platform for deploying business-critical applications and large-scale virtualization on small and large servers. Improve availability with clustering and dynamic hardware partitioning capabilities. Help reduce infrastructure costs by consolidating applications with unlimited virtualization licensing rights. Scale from 2 to 64 processors. Windows Server 2008 Datacenter provides a foundation on which to build enterprise-class virtualization and scale-up solutions. This product does not include Windows Server Hyper-V.

Windows Server 2008 System Requirements*

Component	Requirement
Processor	Minimum: 1GHz (x86 processor) or 1.4GHz (x64 processor) Recommended: 2GHz or faster
Memory	Minimum: 512MB RAM Recommended: 2GB RAM or greater Maximum (32-bit systems): 4GB (Standard) or 64GB (Enterprise and Datacenter) Maximum (64-bit systems): 32GB (Standard) or 2TB (Enterprise, Datacenter and Itanium-based Systems)
Available Disk Space	Minimum: 10GB Recommended: 40GB or greater **Note:** Computers with more than 16GB of RAM will require more disk space for paging, hibernation, and dump files
Drive	DVD-ROM drive
Display	Super VGA (800 × 600) or higher-resolution monitor
Other	Keyboard and Microsoft Mouse or compatible pointing device

*Actual requirements will vary based on your system configuration and the applications and features you choose to install. For more information, please see www.microsoft.com/ windowsserver2008.