



Windows® Server 2008 R2 Foundation from HP

Data sheet



Microsoft® Windows Server 2008 R2 Foundation and HP ProLiant servers – powerfully productive for the life of your technology and the good of your business

HP and Microsoft solutions

HP and Microsoft bring together the world's leading hardware and software innovations, applications, resources and support to help you and your business be more productive, achieve more from your investment and keep operations running smoothly. For more than 25 years, we have been successful at working collaboratively, investing considerable resources in technology, engineering, support and programmes.



Through this partnership, we are dedicated to developing and delivering the most scalable industry-standard information technology in both core businesses and new strategic markets – while offering unmatched ownership satisfaction and value. We also combine our respective strengths to bring you complete confidence around integrated technology solutions and world-class service that improve performance, reliability, scalability and efficiency.

About Windows Server 2008 R2 Foundation

The proven and reliable technology of Windows Server 2008 R2 Foundation provides organisations with the foundation to run some of the most widely used business applications. It is an affordable platform for core IT capabilities, including file and print sharing, remote access and security features. Its familiar Windows experience makes it easy to get up and running – and easy to connect your employees. Additionally, Windows Server 2008 R2 Foundation provides an easy upgrade path to higher-end versions of Windows Server, so your IT solution can grow as your business grows.

Windows Server 2008 R2 Foundation was developed for entry-level server hardware with one processor. Windows Server 2008 R2 Foundation is the ideal first server for organisations that rely on client machines to share files and access to resources such as printers. Server systems running Windows Server 2008 R2 Foundation are the ideal replacement for PCs being used as servers within small businesses. These servers running Windows Server 2008 R2 Foundation offer a much higher degree of reliability compared with PCs being used simultaneously by multiple users.

Why HP for Windows Server 2008 R2 Foundation?

With HP and Microsoft, the world's leading technology brand meets the world's leading operating system.¹ Together, we provide best-of-brand solutions that meet your needs on many different levels. HP is a leading Microsoft solution platform that more businesses trust to run Windows Server and other environments. And together we are committed to delivering integrated technologies that drive all aspects of your business. We work diligently to provide quality solutions that work better together.

Customers selecting the winning combination of an HP ProLiant server with Microsoft Windows Server 2008 R2 Foundation will benefit from:

- SmartStart CD v8.30 – supports Windows Server 2008 R2 Foundation and provides step-by-step ProLiant server deployment assistance. It is also included in the HP Insight Foundation Suite for ProLiant servers.
- ProLiant Support Packs (PSPs) – represent operating system (OS)-specific bundles of ProLiant optimised drivers, utilities and management agents. The Windows Server 2008 R2 PSPs (v8.30) are now available on HP.com in the driver download section.

Microsoft®



- HP Integrated Lights-Out (iLO) Advanced (for the 300 series servers) – enables remote control of HP servers in any location, directly from the System Center Operations Manager console.

One out of every three servers worldwide is an HP ProLiant server.² The ProLiant server range for Windows Server 2008 R2 Foundation includes:

- HP ProLiant Modular Line (ML) – flexible, expandable tower and rack/tower options available in one- and two-socket designs for growing businesses
- HP ProLiant Density Line (DL) – powerful servers in one-, two-, four- and eight-socket designs, fine-tuned for rack-mounted server environments

HP is now supporting Windows Server 2008 R2 Foundation on HP ProLiant servers and will continue to update our OS Support Matrix (www.hp.com/go/wincert). Now it is easy to find driver downloads for your server – all you need to know is its name. Type www.hp.com/support/ followed by your server name (e.g., www.hp.com/support/dl320g6). This link provides a path to download drivers for ProLiant servers by product family and by series of server. Once the exact server is located, you will find Windows Server 2008 R2 drivers available for download. Drivers can be also found by clicking on the server name in the HP ProLiant OS Support Matrix.

HP Total Care Infrastructure Solution for Small Businesses

You need a small business solution that can meet your big business requirements: protecting data against failure, disaster and malicious attack; finding and using information better; finding more and new customers; sharing data with customers, partners and employees; and managing resources and employee access to those resources.

Technology is the foundation of business productivity. Microsoft Windows Server 2008 R2 Foundation and HP ProLiant systems bring together the leading server hardware and software, applications, tools and services to help you:

- Manage affordably – run your business more productively with complete server solutions
- Protect reliably – keep your operations running smoothly on the platform trusted by more businesses
- Grow efficiently – be efficient today and ready to grow tomorrow, with unmatched resources

Windows Server 2008 R2 Foundation OEM licences from HP

OEM licences for Windows Server 2008 R2 Foundation from HP are available worldwide in several languages and can be purchased directly from HP or your local HP authorised reseller with the purchase of a new server. The HP OEM licence programme is designed for small companies requiring the Windows Server operating system with their preferred choice of ProLiant server. To purchase an HP Windows Server 2008 R2 Foundation OEM licence directly from HP, go to www.hp.com/buy/windows.

When you purchase directly from HP or an HP authorised reseller, you can select the operating system pre-installed or not pre-installed, and the media will be included with the server.

When the OS is shipped pre-installed, the Certificate of Authenticity (COA) label is affixed to your server and the operating system is enhanced and integrated with the latest ProLiant system value-add software, drivers, tools and utilities. The final installation process – customising your settings – takes as little as 20 minutes, after which you are up and running. Pre-installed operating systems install quickly, cost less, are easy to buy and require only one telephone call for support. Recovery media on DVD is included with the server. For HP documentation relating to these products, go to www.hp.com/go/windows/documentation.

When the OS is not pre-installed when shipped, the COA label is affixed to your server and the operating system media is included with the server. Documentation can be found at www.hp.com/go/windows/documentation.

When you purchase from your local HP authorised reseller, the OEM licence is also available in the form of the Windows Server 2008 R2 Foundation Reseller Option Kit (ROK). With ROK, the reseller affixes the COA label to your server and can provide installation and configuration services with your ProLiant system purchase. To find more information about this purchase option, visit www.hp.com/go/ROK.

Procuring Windows Server 2008 R2 Foundation from HP

Language(s)	Pre-installed	Not pre-installed	ROK
English	589223-B21	589221-B21	589222-B21
Spanish	589223-071	589221-071	589222-071
Japanese	589223-291	589221-291	589222-291
Turkish	589223-141	N/A	589222-141
Chinese – simplified	589223-AA1	589221-AA1	589222-AA1
Chinese – traditional	589223-AB1	N/A	589222-AB1
Korean	589223-AD1	589221-AD1	589222-AD1
Czech	N/A	N/A	589222-221
German	589223-041	N/A	589222-041
French	589223-051	N/A	589222-051
Hungarian	589223-211	N/A	589222-211
Italian	589223-061	N/A	589222-061
Dutch	589223-331	N/A	589222-331
Polish	589223-241	N/A	589222-241
Portuguese	589223-131	N/A	589222-131
Russian	589223-251	N/A	589222-251
Swedish	589223-B71	N/A	589222-B71
Brazilian Portuguese	N/A	589221-201	N/A

Windows Server Foundation product comparison matrix

This matrix illustrates how the Windows Server 2008 R2 Foundation operating system compares with the Windows Server Standard 2008 R2 operating system.

Specification	Windows Server 2008 R2 Foundation	Windows Server 2008 R2 Standard
X64 sockets	1	4
X64 RAM	8 GB	32 GB
Network access connections (RRAS)	50	250
Network access connections (IAS)	10	50
Terminal services gateway	50	250
Virtual image use rights	N/A	1
Remote desktop admin connections	2	2
User limit	15, enforced	No limit
Cross Forest Trust relationships and Child Domains	N/A	•
Hyper-V	N/A	•
Server core	N/A	•
BranchCache content server	•	•
BranchCache host server	N/A	N/A
DirectAccess	N/A	•

• = Available

N/A = Not Available

Microsoft Windows Server 2008 R2 Foundation technical specifications

Technically enforced	EULA enforcement
X64 only	No Guest virtual use rights
1 socket only	No Windows Server client access licences (CALs)
8 GB RAM (max)	15-user limit in the EULA
30 SMB connections (max)	No rights to other servers
50 RRAS connections (max)	
10 NPS connections (max)	
50 terminal services gateway connections (max)	
No Hyper-V component	
Edition-specific branding	
Edition-specific end-user licence agreement (EULA)	
OEM only	

HP Services

HP software support

HP Technology Services, with its broad experience and range of services, helps you to fully capitalise on the capabilities of your infrastructure. Key services include:

- HP Software Technical Support – provides access to HP technical resources, as well as electronic access to related product and support information. Access is subject to availability of information from Microsoft.
- HP Support Plus/Support Plus 24 – helps increase performance and availability with comprehensive hardware and software services. HP Services engineers deliver on-site hardware support and over-the-phone software support, including electronic access to related product and support information.
- HP Proactive Select – gives you a choice of affordable services to assess and enhance your existing infrastructure. The services can be purchased when and how you need them.
- HP Proactive 24 – assigns an HP account manager who serves as your primary contact for proactive services and access to our broad base of technical resources. When problems occur, you receive comprehensive assistance around the clock.
- HP Installation and Startup services – are available as custom, Statement of Work-based services.

Microsoft Software Assurance

Software Assurance is a comprehensive maintenance package that helps you get the most out of your software investment. It combines the latest software with phone support – available 24 hours a day – as well as partner services, training and IT tools that help customers deploy, manage and migrate software.

When Software Assurance is purchased within 90 days of your OEM licence purchase, your licence is changed to a volume licence with additional benefits. For more information on Software Assurance, visit

www.microsoft.com/licensing/software-assurance/.

Software Assurance is available directly from HP or from your local HP authorised reseller. For more information, visit the HP Software Licensing & Management Solutions site.

For more information

To get answers to any questions you have about running Windows Server 2008 R2 Foundation on HP converged infrastructures, contact your HP representative or visit the following sites for more information.

- HP Windows Server 2008 R2 Foundation: www.hp.com/go/ws08foundationr2
- Microsoft Windows Server 2008 R2 Foundation: www.microsoft.com/windowsserverfoundation
- HP ProLiant server support for Windows Server: www.hp.com/go/wincert
- HP ProLiant servers: www.hp.com/go/proliant
- HP Care Pack services: www.hp.com/services

For additional technical specifications, please visit www.hp.com/go/ws08foundationr2.

¹ Source: IDC WW Q209 Server Tracker

² Source: http://h71028.www7.hp.com/enterprise/us/en/messaging/realstory-server-mktshare.html?jumpid=reg_R1002_USEN



Technology for better business outcomes

To learn more, visit www.hp.com
www.microsoft.com

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