

Overview

Microsoft® Windows® Server 2003 R2 is Microsoft's update release of the Windows Server 2003 operating system. The Windows Server 2003 platform is the most mature, manageable and cost effective way to deliver secure business critical applications and Web Services to the enterprise. Windows Server 2003 R2 provides a scalable, secure Web application platform and enables new scenarios including simplified branch server management, improved identity and access management, and more efficient storage management, building upon the increased security, reliability and performance provided by Windows Server 2003. For more information on R2, please visit: <http://www.microsoft.com/WindowsServer2003/R2/default.msp>

Windows Server 2003 R2 with Service Pack 2 is available for purchase from HP with the following options:

- Pre-installed on select HP ProLiant 100 and 300 series servers with the CDs included in the server as recovery media
- Non-preinstalled with the operating system CDs included in the server
- Client Access Licenses are included with your purchase and also sold in either 5 or 25 license packs separately . These licenses apply to Windows Server 2003 or Windows Server 2003 R2.

Windows Server 2003 R2 is also available for purchase from your authorized HP reseller in the form of the Microsoft Windows Server Reseller Option Kit or ROK. ROK provides authorized distributors and resellers flexibility in stocking Windows Server from HP and allows the reseller to match their customer's preferred operating system with your chosen HP server. These products offer the same benefits as a preinstalled or on CD operating system and can be sold with any new supported HP ProLiant server and HP BladeSystems. ROK is available in most editions of Windows Server and Windows Small Business Server. See below for a complete list of ROK products.

For a complete detailed list of supported ProLiant servers, visit the OS Support Matrix at:

<http://h10018.www1.hp.com/wwsolutions/windows/index-all.html>

For more information on HP's offering of Windows Server 2003 R2 products, please visit: <http://www.hp.com/go/windows>

What's New

- Windows Server 2003 R2, Service Pack 2 (SP2) delivers on the Microsoft Trustworthy Computing initiative and illustrates Microsoft's commitment to continually create software products with enhanced security, increased reliability, and simplified administration.
- The SP2 update can be applied to all Windows Server 2003 products and Windows XP Professional x64 Edition.

Models

Windows Server 2003 R2, Standard Edition Preinstalled on ProLiant 300 Series Servers

NOTE: All part numbers include 5 client access licenses and media. Only sold with a ProLiant server.

Windows Server 2003 R2 Standard Edition

409163-xxx

Language Code Key for 409163-xxx	xxx = 041	German
	xxx = 051	French
	xxx = 061	Italian
	xxx = 071	Spanish
	xxx = 221	Czech
	xxx = 241	Polish
	xxx = 291	Japanese
	xxx = 331	Dutch
	xxx = AA1	Simplified Chinese
	xxx = B21	English

Overview

Windows Server 2003 R2 Standard Edition, Multi-Language	412863-021
NOTE: Includes English , French , Italian , and German .	
Windows Server 2003 R2 Standard Edition, x64 (Japanese)	415749-291
Windows Server 2003 R2 Standard Edition, Academic Edition (US Only)	409164-001

Windows Server 2003 R2, Standard Edition Preinstalled on ProLiant 100 Series Servers

NOTE: All part numbers include 5 client access licenses and media. Only sold with a ProLiant server.

Windows Server 2003 R2 Standard Edition	409165-xxx
Language Code Key for 409165-xxx	
xxx = 041	German
xxx = 051	French
xxx = 061	Italian
xxx = 071	Spanish
xxx = 221	Czech
xxx = 241	Polish
xxx = 291	Japanese
xxx = 331	Dutch
xxx = AA1	Simplified Chinese
xxx = B21	English
Windows Server 2003 R2 Standard Edition, Academic Edition (US Only)	409166-001

Windows Server 2003 R2, Standard Edition OS Not preinstalled

NOTE: All part numbers include: 5 Client Access Licenses and media. Only sold with a ProLiant server.

Windows Server 2003 R2 Standard Edition	409167-xxx
Language Code Key for 409167-xxx	
xxx = 041	German
xxx = 051	French
xxx = 061	Italian
xxx = 071	Spanish
xxx = 201	Brazilian Portuguese
xxx = 241	Polish
xxx = 291	Japanese
xxx = 331	Dutch
xxx = AA1	Simplified Chinese
xxx = AB1	Traditional Chinese
xxx = B21	English
Windows Server 2003 R2 Standard Edition x64	409169-xxx
Language Code Key for 409169-xxx	
xxx = 291	Japanese
xxx = B21	English

Overview

Windows Server 2003 R2 Standard Edition, Multi-Language	412868-021
NOTE: Includes English , French , Italian , and German .	
Windows Server 2003 R2 Standard Edition, Academic Edition (US Only)	409168-001
Windows Server 2003 R2 Standard Edition x64, Academic Edition (US Only)	409170-001
Windows Server 2003 R2 Standard Edition x64, Multi-User Interface	412870-B21
NOTE: Core OS in English and the user interface enables selection of other languages.	

Windows Server 2003 R2, Enterprise Edition OS Not preinstalled

NOTE: All part numbers include 25 client access licenses and media. Only sold with a ProLiant server.

Windows Server 2003 R2 Enterprise Edition	409171-xxx
Language Code Key for xxx = 291 Japanese	
409171-xxx xxx = AA1 Simplified Chinese	
xxx = B21 English	
Windows Server 2003 R2 Enterprise Edition x64	409172-xxx
Language Code Key for xxx = 291 Japanese	
409172-xxx xxx = B21 English	
Windows Server 2003 R2 Enterprise Edition x64, Multi-User Interface	412873-B21
NOTE: Core OS in English and the user interface enables selection of other languages.	

Windows Server 2003 R2, Standard Edition Reseller Option Kit

NOTE: For distributors and resellers only. Includes 5 client access licenses and media. Reseller must preinstall the OS before delivery of the server.	409179-xxx
Language Code Key for xxx = B21 English	
409179-xxx xxx = 041 German	
xxx = 051 French	
xxx = 061 Italian	
xxx = 071 Spanish	
xxx = 131 Portugal	
xxx = 141 Turkey	
xxx = 221 Czechoslovakia	
xxx = 241 Polish	
xxx = 251 Russian	
xxx = 291 Japan	
xxx = 331 Dutch	
xxx = AA1 Simplified Chinese	
xxx = AB1 Traditional Chinese	

Windows Server 2003 R2, Standard Edition KN Reseller Option Kit, Korean	441594-AD1
---	------------

Windows Server 2003 R2, Standard Edition x64 Reseller Option Kit

NOTE: For distributors and resellers only. Includes 5 client access licenses and media. Reseller must preinstall the OS before delivery of the server.	445033-xxx
---	------------

Overview

Language Code Key for 445033-xxx	xxx = B21	English
	xxx = 041	German
	xxx = 051	French
	xxx = 061	Italian
	xxx = 071	Spanish
	xxx = 251	Russian
	xxx = 291	Japanese
	xxx = AA1	Simplified Chinese
	xxx = AB1	Traditional Chinese

Windows Server 2003 R2, Enterprise Edition Reseller Option Kit

NOTE: For distributors and resellers only. Includes 25 client access licenses and media. Reseller must preinstall the OS before delivery of the server.

445027-xxx

Language Code Key for 445027-xxx	xxx = B21	English
	xxx = 041	German
	xxx = 051	French
	xxx = 061	Italian
	xxx = 071	Spanish
	xxx = 251	Russian
	xxx = AA1	Simplified Chinese
	xxx = AB1	Traditional Chinese

Windows Server 2003 R2, Enterprise Edition X64 Reseller Option Kit

NOTE: For distributors and resellers only. Includes 25 client access licenses and media. Reseller must preinstall the OS before delivery of the server.

445040-xxx

Windows Server 2003 R2, Enterprise Edition X64 KN Reseller Option Kit, Korean

445040-AD1

Language Code Key for 445040-xxx	xxx = B21	English
	xxx = 041	German
	xxx = 051	French
	xxx = 061	Italian
	xxx = 071	Spanish
	xxx = 251	Russian
	xxx = AA1	Simplified Chinese
	xxx = AB1	Traditional Chinese

Windows Server 2003 - Client Access Packs

NOTE: All part numbers include 5 User or Device Client Access License (CAL) Packs (as stated); Sold with or without a server. Applies to Windows Server 2003 and Windows Server 2003 R2.

Windows Server 2003 5-CAL User Pack

335761-xxx

Language Code Key for 335761-xxx	xxx = 041	German
	xxx = 051	French
	xxx = 061	Italian
	xxx = 071	Spanish
	xxx = 291	Japanese
	xxx = AA1	Simplified Chinese
	xxx = B21	English

Overview

Windows Server 2003 5-CAL Device Pack

335759-xxx

Language Code Key for xxx = 291
335759-xxx xxx = B21

Japanese
English

Product Features

Windows Server 2003 R2 Operational Efficiency Branch Server Management

- Enhanced management tools
- Centralized data stores
- Robust file replication

Productivity

- Failover capabilities to minimize system downtimes
- Bandwidth throttling and scheduling for efficient use of network

Security

- Active Directory delivers robust and efficient system security to a branch office
- Application Directory Partitions controls access to directory information

For more information on full features of Window Server 2003 R2, please visit <http://www.microsoft.com/WindowsServer2003/R2/default.aspx>.

Windows Server 2003 R2 Identity and Access Management

- Manage a single identity across partner, web and Unix applications
- Active Directory Federation Services (ADFS) simplifies multiple logins across multiple systems
- UNIX identity management provides for Windows and UNIX integration

Windows Server 2003 R2 Storage Management

- Centralized view of storage
- Simplified storage planning, provisioning and maintenance
- Improved monitoring and reporting
- Windows Sharepoint Services for effective communication and collaboration

Windows Server 2003 R2 Unix Interoperability

- Bridges the platforms in the infrastructure leveraging the IT department's UNIX skills on a Windows platform
- Simplifies users to access applications and data across platforms
- Password Synchronization simplifies the process of maintaining secure passwords

Additional Features

ProLiant Essentials Software

HP ProLiant Essentials Software is a suite of value-add software that offer complete management solutions for your ProLiant server environment.

- Simple server configuration and maintenance via ProLiant SmartStart software (SmartStart Scripting Toolkit)
- Enhanced deployment and server management tools via ProLiant Essentials - Rapid Deployment, Workload Management, Virtual Machine Management, Vulnerability and Patch Management, Performance Management Pack software.
- Proactive notification/alerting via ProLiant Essentials software, System Insight Manager software, Integrated Lights-Out board, and SmartStart Subscription Service

For more information, visit: <http://www.hp.com/servers/proliantessentials>.

Software Technical Support

Software Technical Support for your HP Software, HP pre-installed third-party software is available from HP via multiple contact methods, including electronic media and telephone, for ninety (90) days from date of purchase. Software Technical Support includes assistance with:

- **24x7x365 access to technical resources** - Connect with HP Response Center engineers via telephone, electronic communication, or FAX for assistance in resolving software implementation or operations problems. Service is available around the clock every day, including all holidays.
- **Problem analysis and resolution** - HP Services provides corrective support to resolve identifiable and reproducible software product problems, and to help you identify problems that are difficult to reproduce. You can also receive assistance in trouble-shooting problems and setting configuration parameters.
- **Software features and operational support** - HP provides information on the latest product features and known problems and solutions, plus operational advice and assistance.
- **Escalation management** - Established escalation procedures enlist specialized expertise from HP to Microsoft Windows
- **Installation advisory** - Advisory support is available for help with installation and updating of standalone applications or products installed in a network environment.
- **Electronic software information** - Access HP's electronic support facility including symptom-solution database, product descriptions, specifications, technical literature, and more.

Software technical support does NOT include assistance with:

- Generating or diagnosing user generated programs or source codes
- Installation of non-HP products

Additional Features

Service and Support

HP Services offers a full portfolio of comprehensive services and cost-saving updates to help you enhance the performance and availability of software from HP and other leading vendors. Services can be configured for Operating System-only support, or can be configured to support the Operating System plus the standard Microsoft Server Applications installed on the server.

- **Standard Support:** Available standard business hours on standard business days, this convenient HP Care Pack service gives your IT team direct access to HP IT Response Centers. Experienced Response Center engineers provide trustworthy advice on issues such as software features and use, problem diagnosis and resolution, and software defect identification. Any member of your IT staff can electronically access essential product and support information.
- **HP 24x7 Software Technical Support** provides comprehensive round-the-clock services and cost-saving updates to help you enhance the performance and availability of software from HP and other leading vendors.
- **HP Support Plus** delivers onsite hardware support and over-the-phone software support 13 hours per day, 5 days per week. Service coverage encompasses HP products and selected multi-vendor hardware and software.
- **HP Support Plus 24** delivers onsite hardware support and over-the-phone software support around-the-clock 365 days per year.
- **HP Proactive 24** delivers onsite hardware support and over-the-phone software support, plus proactive problem identification and solutions recommendation, with remote monitoring, and an assigned account manager to manage the proactive services.
- **HP Critical Service** delivers onsite hardware support and over-the-phone software support, plus proactive problem identification and solutions recommendation, with remote monitoring, and an assigned support team to manage the proactive services. The assigned support team will conduct a pre-assessment of your server environment, working with your IT team to develop a strategy to align the server environment with your business goals. Quarterly assessments will be conducted to ensure ongoing alignment with your goals.
- **HP Installation and Startup Services** helps ensure that your new HP hardware or software is installed smoothly, efficiently, and with minimal disruption of your IT and business operations.

NOTE: For more information, visit HP Care Pack Services at: <http://www.hp.com/services>.

Microsoft Software Assurance

Microsoft Software Assurance (SA) is a way for licensed customers to keep current with the latest, most innovative Microsoft products. Under the SA program, customers acquire the right to access any new release of a product covered in the agreement during the term of the coverage. Software Assurance now also includes more benefits for the same price, including problem resolution support during business hours for covered server products, access to Managed Newsgroups and Online Concierge Chat, and Microsoft's self-paced training courses.

In order to guarantee eligibility for the most current product releases and "upgrade-like" pricing you will need to purchase Software Assurance. Visit:

<http://www.microsoft.com/licensing/programs/sa/default.aspx>

HP Software Licensing and Management Solutions (SLMS)

HP SLMS provides prime source licensing fulfillment and software license management solutions to large multinational enterprise or domestic companies. HP provides a global sales channel for all Microsoft program and services and will work with you to select the program that best suits your needs. HP offers three comprehensive Microsoft licensing programs: Open, Select and Enterprise License. For more information on HP SLMS, visit <http://h71028.www7.hp.com/enterprise/cache/8786-0-0-0-121.aspx>

Additional Features

Supported Definition HP has tested Windows Server 2003 family of products on selected HP ProLiant servers (see list). HP ProLiant Value add such as, health, agents, NIC agent, etc., are available for download. For a full list of HP ProLiant Value add, please see:
<http://h18004.www1.hp.com/products/servers/software/microsoft/ProLiant-value-add.html>

Windows Server Catalog Definition Microsoft has determined which HP ProLiant servers are compatible with Windows Server operating systems. HP ProLiant Servers listed in the Windows Server Catalog are compatible with Windows Server operating systems. For more information on HP's Compatible and Support ProLiant Windows Servers please visit:
<http://h10018.www1.hp.com/wwsolutions/windows/index-all.html>

HP Web Sites

- HP Windows Server web site: <http://www.hp.com/go/windows>
- ProLiant Windows:
<http://h18004.www1.hp.com/products/servers/software/microsoft/ProLiant-index.html>
- HP Microsoft Frontline Partnership web site: <http://www.hp.com/microsoft>
- HP Services: <http://www.hp.com/services>

Environment-friendly Products and Approach **End-of-life Management and Recycling** Hewlett-Packard offers end-of-life HP product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please go to <http://www.hp.com/go/green>. To recycle your product, please go to: <http://www.hp.com/go/green> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <http://www.hp.com/go/green>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

© Copyright 2008 Hewlett-Packard Development Company, L.P.

The information contained herein is subject to change without notice.

Windows and Microsoft are registered trademarks of Microsoft Corp., in the U.S.

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein