

Overview

Microsoft Windows Server 2012 R2

Windows Server 2012 R2 captures Microsoft's experience of delivering global-scale cloud services to provide an enterprise-class server and cloud platform. It lets you optimize performance for your most important workloads and helps to protect against service outages with robust recovery options. It reduces complexity and cost with comprehensive automation plus storage and networking virtualization solutions based on industry-standard hardware. It lets you build, run, and scale applications that can move between your datacenter and the cloud, and allows you to provide your users with flexible remote access from virtually anywhere and any device while helping to protect corporate information.

Windows Server 2012 R2 delivers significant value around seven key capabilities:

1. Server Virtualization - new levels of performance and cross-platform support
2. Storage - high performance and resiliency at a fraction of the cost
3. Networking - hybrid networking with breakthrough levels of flexibility and performance
4. Server Management and automation - increased management efficiency for a diverse datacenter
5. Web and Application Platform - Modern apps build and deployed to scale on-premises and in the cloud
6. Access and Information Protection - Consistent and Flexible user access to corporate resources while protecting data
7. Virtual desktop Infrastructure - great performance, easy to deploy and cost-effective

For over 30 years, Hewlett Packard Enterprise and Microsoft are combining the intelligence of HPE ProLiant Servers - the world's most self-sufficient servers, with the ease of management and virtualization capabilities of Microsoft Windows Server 2012 R2. Hewlett Packard Enterprise delivers Windows Server 2012 R2 Support for ProLiant Servers, see support details at <http://www.hpe.com/servers/wincert>. In addition, Hewlett Packard Enterprise offers OEM licensing for the following editions:

- [Datacenter edition](#) for highly-virtualized private cloud environments.
- [Standard edition](#) for non-virtualized or lightly virtualized environments.
- [Essentials edition](#) for small businesses with up to 25 users running on servers with up to two processors.
- [Foundation edition](#) for small businesses with up to 15 users running on single processor servers.

NOTE: For more information on Hewlett Packard Enterprise's offering of Windows Server 2012 R2 products, go to:

<http://www.hpe.com/servers/ws2012r2>

What's New

- Adding Pre-installed and Drop-in-box Part Numbers, as well as more language options for the 4 Editions (Essentials, Foundation, Standard and Datacenter)
- Adding Windows Server 2012 Downgrade Part Numbers
- Adding Windows Server 2012 Downgrade ROK Part Numbers
- Adding Pre-Installed Part Numbers to support the Unified Extensible Firmware Interface (UEFI) boot environment available for HPE ProLiant Gen9 Servers
Important: HPE Windows Server OEM Not Pre-Installed "NPI" and Reseller Option Kit "ROK" part numbers are compatible with both UEFI boot mode and Legacy boot mode, in other words, Windows Server NPI and ROK part numbers are compatible with Gen9, Gen8 and previous Servers.
- Adding Windows Server 2012 R2 Standard Edition Not Pre-Installed, English only, recommended for users that will install the OS and Applications without Internet Connection (e.g. .Net 3.5). The Multi-Language SKU strongly recommends

Overview

internet connectivity while installing the OS and Applications.

- Adding new Windows Server Standard Additional License SKUs with expanded licensing rights (1) available for purchase after the Server Sale (APOS) to anyone who has already purchased a Base OS License from Hewlett Packard Enterprise and (2) the ability to reassign the rights of the Windows Server 2012 Standard Additional License to another server with a Base License.

Base License Required: Windows Server 2012 or 2012 R2 Standard.

- Introducing **new Windows Server 2012 R2 Datacenter Part Numbers with reassignment licensing rights**. These Part Numbers must be sold with a new ProLiant Server and are a great option as they allow customers to reassign the OS license to another server for any reason (hardware failure, maintenance, upgrade, etc.). The server OS license may be reassigned by an end user to a different physical server no more than once every 90 days. The COA is affixed to a license card which is the end user's proof of license for the purpose of exercising the reassignment license rights. **Important:** Hewlett Packard Enterprise cannot provide downgrade media or keys for Windows Server 2012 R2 Datacenter with reassignment rights part numbers per Microsoft policy. Downgrade rights for these part numbers are limited to media and keys the customer already owns.

Models

Microsoft Hardware Specifications for Foundation edition:

Windows Server 2012 R2	Foundation
CPU	Limited to 1 Proc; per server licensing
Min. CPU Req.	1.4 GHz x64
X64 RAM STD/ Max	2GB/32GB
ECC	Yes
NIC	multiple NICs supported
Internal optical bay drive allowed	Yes
Minimum OS Storage Footprint	32 GB*
SW RAID	Yes
Video	Yes
Keyboard, Mouse	Yes

NOTE: Microsoft Windows Server Foundation edition will limit the number of permissible user accounts and/or require certain Active Directory and domain configurations. If not properly configured, the software will generate warnings to correct the configuration. The warnings will alert you as to the behavior of the software in the absence of corrective measures, which may include the periodic shutdown of the server. The warnings and shutdowns will cease once the configuration is corrected. For more information about these features as they apply to the product, please review the product-specific documentation located on <http://www.microsoft.com/>.

* For systems with 16GB+ RAM more disk space will be required.

Windows Server 2012 R2 Foundation Edition 1P

Pre-Installed UEFI on Gen9 ProLiant Servers

NOTE: Unified Extensible Firmware Interface (UEFI) is an industry standard set of interfaces between the system firmware and the operating system, and between various components of the system firmware. UEFI enables numerous new capabilities, for more information please read the whitepaper **UEFI: successor to legacy BIOS**.

NOTE: All Foundation Edition part numbers include x64 DVD media and COA. Sold only as a configurable option with a ProLiant server purchase.

Microsoft Windows Server 2012 R2 Foundation Edition FIO UEFI		782519-xxx
Language Code Key for 782519-xxx	xxx = B21	English, French, Italian, German, Spanish
	xxx = 201	Brazilian Portuguese
	xxx = 371	English, Japanese, Korean
		AMS & EMEA Region
		LATAM Region
		APJ Region

Windows Server 2012 R2 Foundation Edition 1P

Pre-Installed on ProLiant Servers (for Gen8 and previous Servers)

NOTE: All Foundation Edition part numbers include x64 DVD media and COA. Sold only as a configurable option with a ProLiant server purchase.

Models

Microsoft Windows Server 2012 R2 Foundation Edition FIO			755994-xxx
Language Code Key for 755994-xxx	xxx = B21	English, French, Italian, German, Spanish	AMS & EMEA Region
	xxx = 201	Brazilian Portuguese	LATAM Region
	xxx = 371	English, Japanese, Korean	APJ Region

Windows Server 2012 R2 Foundation Edition 1P OS Not Pre-Installed

NOTE: All Foundation Edition part numbers include x64 DVD media and COA. Sold only as a configurable option with a ProLiant server purchase.

Microsoft Windows Server 2012 R2 Foundation Edition FIO Not Pre-installed			755995-xxx
Language Code Key for 755995-xxx	xxx = B21	English, French, Italian, German, Spanish	AMS & EMEA Region
	xxx = 201	Brazilian Portuguese	LATAM Region
	xxx = 371	English, Japanese, Korean	APJ Region

Windows Server 2012 R2 Foundation Edition 1P Reseller Option Kit

NOTE: Available for purchase from your local Hewlett Packard Enterprise Authorized reseller. Foundation Edition includes: x64 DVD media and COA. Reseller must affix the COA to the server and may preinstall the OS before delivery of the server.

Microsoft Windows Server 2012 R2 Foundation Edition ROK			748920-xxx
Language Code Key for 748920-xxx	xxx = B21	English, French, Italian, German, Spanish	AMS & EMEA Region
	xxx = 291	Japanese	APJ Region
	xxx = 021	English, Dutch, Swedish, Portuguese, Turkish	EMEA Region
	xxx = 201	Brazilian Portuguese	LATAM Region
	xxx = 371	English, Japanese, Korean	APJ Region
	xxx = 421	English, Russian, Polish, Czech	EMEA Region
	xxx = AB1	Chinese Traditional	APJ Region

Microsoft Hardware Specifications for Essentials edition:

Windows Server 2012 R2	Essentials
CPU	Up to 2 Proc; Per server licensing
Min. CPU Req.	1.4 GHz x64
X64 RAM STD/ Max	X64 RAM STD/ Max
ECC	Yes
NIC	multiple NICs supported
Internal optical bay drive allowed	Yes
Minimum OS Storage Footprint	160 GB with a 60-GB system partition
SW RAID	Yes

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Video	Optional
Keyboard, Mouse	Optional

Windows Server 2012 R2 Essentials Edition 1-2P Pre-Installed UEFI on Gen9 ProLiant Servers

NOTE: Unified Extensible Firmware Interface (UEFI) is an industry standard set of interfaces between the system firmware and the operating system, and between various components of the system firmware. UEFI enables numerous new capabilities, for more information please read the whitepaper **UEFI: successor to legacy BIOS**.

NOTE: All Essentials Edition part numbers include x64 DVD media and COA. Sold only as a configurable option with a ProLiant server purchase.

Microsoft Windows Server 2012 R2 Essentials Edition FIO UEFI			782518-xxx
Language Code Key for 782518-xxx	xxx = B21	English, French, Italian, German, Spanish	AMS & EMEA Region
	xxx = 201	Brazilian Portuguese	LATAM Region
	xxx = 371	English, Japanese, Korean	APJ Region

Windows Server 2012 R2 Essentials Edition 1-2P Pre-Installed on ProLiant Servers (for Gen8 and previous Servers)

NOTE: All Essentials Edition part numbers include x64 DVD media and COA. Sold only as a configurable option with a ProLiant server purchase.

Microsoft Windows Server 2012 R2 Essentials Edition FIO			755992-xxx
Language Code Key for 755992-xxx	xxx = B21	English, French, Italian, German, Spanish	AMS & EMEA Region
	xxx = 201	Brazilian Portuguese	LATAM Region
	xxx = 371	English, Japanese, Korean	APJ Region

Windows Server 2012 R2 Essentials Edition 1-2P OS Not Pre-Installed

NOTE: All Essentials Edition part numbers include x64 DVD media and COA. Sold only as a configurable option with a ProLiant server purchase.

Microsoft Windows Server 2012 R2 Essentials Edition FIO Not Pre-installed			755993-xxx
Language Code Key for 755993-xxx	xxx = B21	English, French, Italian, German, Spanish	AMS & EMEA Region
	xxx = 371	English, Japanese, Korean	APJ Region

Windows Server 2012 R2 Essentials Edition 1-2P Reseller Option Kit

NOTE: Available for purchase from your local Hewlett Packard Enterprise Authorized reseller. Essentials Edition includes x64 DVD media and COA. Reseller must affix the COA to the server and may preinstall the OS before delivery of the server.

Models

Microsoft Windows Server 2012 R2 Essentials Edition ROK		748919-xxx
Language Code Key for 748919-xxx	xxx = B21	English, French, Italian, German, Spanish AMS & EMEA Region
	xxx = 291	Japanese APJ Region
	xxx = 021	English, Dutch, Swedish, Portuguese, Turkish EMEA Region
	xxx = 201	Brazilian Portuguese LATAM Region
	xxx = 371	English, Japanese, Korean APJ Region
	xxx = 421	English, Russian, Polish, Czech EMEA Region

Microsoft Hardware Specifications for Standard edition:

Windows Server 2012 R2	Standard
CPU	Up to 2 Proc per license; no processor limit
Min. CPU Req.	1.4 GHz x64
X64 RAM STD/ Max	2GB/unlimited
ECC	Yes
NIC	multiple NICs supported; recommend Gigabit (10/100/1000baseT) Ethernet adapter
Internal optical bay drive allowed	Yes
Minimum OS Storage Footprint	32 GB*
SW RAID	Yes
Video	Yes; Super VGA (1024 x 768) or higher-resolution monitor
Keyboard, Mouse	Yes

* For systems with 16GB+ RAM more disk space will be required.

**Windows Server 2012 R2 Standard Edition 2P
Pre-Installed on Gen9 ProLiant Servers**

NOTE: Unified Extensible Firmware Interface (UEFI) is an industry standard set of interfaces between the system firmware and the operating system, and between various components of the system firmware. UEFI enables numerous new capabilities, for more information please read the whitepaper [UEFI: successor to legacy BIOS](#).

NOTE: All Standard Edition part numbers include x64 DVD media and COA. Sold only as a configurable option with a ProLiant server purchase.

NOTE: One Windows Server 2012 R2 Standard license covers up to 2 Processors and 2 Virtual Machines (VMs), to license more processors or more VMs add Windows Server 2012 Standard Additional Licenses

Microsoft Windows Server 2012 R2 Standard Edition FIO UEFI		782520-xxx
Language Code Key for 782520-xxx	xxx = B21	English, French, Italian, German, Spanish AMS & EMEA Region
	xxx = 201	Brazilian Portuguese LATAM Region
	xxx = 371	English, Korean APJ Region
	xxx = 291	Japanese APJ Region

Models

Windows Server 2012 R2 Standard Edition 2P Pre-Installed on ProLiant Servers (for Gen8 and previous Servers)

NOTE: All Standard Edition part numbers include x64 DVD media and COA. Sold only as a configurable option with a ProLiant server purchase.

NOTE: One Windows Server 2012 R2 Standard license covers up to 2 Processors and 2 Virtual Machines (VMs), to license more processors or more VMs add Windows Server 2012 Standard Additional Licenses

Microsoft Windows Server 2012 R2 Standard Edition FIO			755996-xxx
Language Code Key for 755996-xxx	xxx = B21	English, French, Italian, German, Spanish	AMS & EMEA Region
	xxx = 201	Brazilian Portuguese	LATAM Region
	xxx = 371	English, Korean	APJ Region
	xxx = 291	Japanese	APJ Region

Windows Server 2012 R2 Standard Edition 2P OS Not Pre-Installed

NOTE: All Standard Edition part numbers include x64 DVD media and COA. Sold only as a configurable option with a ProLiant server purchase.

NOTE: One Windows Server 2012 R2 Standard license covers up to 2 Processors and 2 Virtual Machines (VMs), to license more processors or more VMs add Windows Server 2012 Standard Additional Licenses

Microsoft Windows Server 2012 R2 Standard Edition FIO Not Pre-installed			755997-xxx
Language Code Key for 755997-xxx	xxx = B21	English, French, Italian, German, Spanish	AMS & EMEA Region
	xxx = 201	Brazilian Portuguese	LATAM Region
	xxx = 371	English, Korean	APJ Region
	xxx = 291	Japanese	APJ Region
	xxx = A41	English, Polish, Portuguese, Russian, Swedish, Turkish, Czech, Dutch	EMEA Region
Language Code Key for 815868-xxx	xxx=B21	English	815868-xxx WW

Windows Server 2012 R2 Standard Edition 2P Reseller Option Kit

NOTE: Available for purchase from your local Hewlett Packard Enterprise Authorized reseller. Standard Edition includes x64 DVD media and COA. Reseller must affix the COA to the server and may preinstall the OS before delivery of the server.

NOTE: One Windows Server 2012 R2 Standard license covers up to 2 Processors and 2 Virtual Machines (VMs), to license more processors or more VMs Resellers can stack ROK or Additional Licenses to the Server. Additional Licenses for Standard edition include enhanced benefits (1) can be sold after the Server sale (APOS) and (2) the ability to reassign the license rights to another server with a base license.

Microsoft Windows Server 2012 R2 Standard Edition ROK			748921-xxx
Language Code Key for	xxx = B21	English, French, Italian, German, Spanish	AMS & EMEA

QuickSpecs

Microsoft Windows Server 2012 R2

Models

748921-xxx			Region
	xxx = 291	Japanese	APJ Region
	xxx = 021	English, Dutch, Swedish, Portuguese, Turkish	EMEA Region
	xxx = 201	Brazilian Portuguese	LATAM Region
	xxx = 371	English, Korean	APJ Region
	xxx = 421	English, Russian, Polish, Czech	EMEA Region
	xxx = AA1	Chinese Simplified	APJ Region
	xxx = AB1	Chinese Traditional	APJ Region

Windows Server 2012 Standard Edition 2P Additional License

NOTE: Windows Server 2012 Additional Licenses apply to Windows Server 2012 R2.

NOTE: Standard Edition includes COA, will not include an activation key because will be activated with license key from the base OS license. Additional Licenses do not include media.

NOTE: Sold with or without a ProLiant Server – After Point of Sale (APOS).

NOTE: End Users can reassign Windows Server Standard Additional licenses to another server that has a base license of Windows Server 2012 or 2012 R2 Standard.

Microsoft Windows Server 2012 Standard Edition 2P Additional License			818546-xxx
Language Code Key for	xxx = B21	English, French, Italian, German, Spanish	WW
818546-xxx	xxx = 291	Japanese	APJ Region

Windows Server 2012 Standard Edition 2P with SQL Server 2014 Standard Edition

NOTE: For Part Numbers on Windows Server 2012 R2 Standard bundled with SQL Server 2014 Standard please refer to the [SQL Server 2014 QuickSpecs](#).

Microsoft Hardware Specifications for Datacenter edition:

Windows Server 2012 R2	Datacenter
CPU	Up to 2 Proc per license; no processor limit
Min. CPU Req.	1.4 GHz x64
X64 RAM STD/ Max	2GB/unlimited
ECC	Yes
NIC	multiple NICs supported; recommend Gigabit (10/100/1000baseT) Ethernet adapter
Internal optical bay drive allowed	Yes
Minimum OS Storage Footprint	32 GB*
SW RAID	Yes
Video	Yes; Super VGA (1024 x 768) or higher-resolution monitor
Keyboard, Mouse	Yes

* For systems with 16GB+ RAM more disk space will be required.

Windows Server 2012 R2 Datacenter Edition 2P - No Reassignment Rights OS Not Pre-Installed

Models

NOTE: All Datacenter Edition part numbers include x64 DVD media and COA. Sold only as a configurable option with a ProLiant server purchase.

NOTE: One Windows Server 2012 R2 Datacenter license covers up to 2 Processors and unlimited Virtual Machines (VMs), to license more processors add Windows Server 2012 Datacenter Additional Licenses

Microsoft Windows Server 2012 R2 Datacenter Edition FIO Not Pre-installed - No Reassignment Rights		755998-xxx
Language Code Key for 755998-xxx	xxx = B21	English, French, Italian, German, Spanish
	xxx = 201	Brazilian Portuguese
	xxx = 371	English, Korean
	xxx = 291	Japanese
		AMS & EMEA Region
		LATAM Region
		APJ Region
		APJ Region

Windows Server 2012 R2 Datacenter Edition 2P - with Reassignment Rights OS Not Pre-Installed

NOTE: All Datacenter Edition part numbers include x64 DVD media and COA. Sold only as a configurable option with a ProLiant server purchase.

NOTE: The server OS license can be reassigned to another server for any reason (hardware failure, maintenance, upgrade, etc.). The COA is affixed to a license card which is the end user's proof of license for purposes of exercising the reassignment license rights. The server OS license may be reassigned by an end user to a different physical server no more than once every 90 days. Other rights and limitations are described on the license card. Important: Hewlett Packard Enterprise cannot provide downgrade media or keys for Windows Server 2012 R2 Datacenter with reassignment rights part numbers per Microsoft policy. Downgrade rights for these part numbers are limited to media and keys the customer already owns.

NOTE: One Windows Server 2012 R2 Datacenter license covers up to 2 Processors and unlimited Virtual Machines (VMs), to license more processors add either Datacenter Additional Licenses or stack Datacenter with reassignment rights licenses, both options need to be added at the time of the Server purchase.

Microsoft Windows Server 2012 R2 Datacenter Edition with Reassignment Rights FIO Not Pre-installed		854551-xxx
Language Code Key for 854551-xxx	xxx = B21	English
	xxx = 051	French
	xxx = 061	Italian
	xxx = 041	German
	xxx = 071	Spanish
	xxx = 291	Japanese
		WW Region
		EMEA Region
		EMEA Region
		EMEA Region
		AMS & EMEA Region
		APJ Region

Windows Server 2012 R2 Datacenter Edition 2P - No Reassignment Rights Reseller Option Kit

NOTE: Available for purchase from Hewlett Packard Enterprise or your local Hewlett Packard Enterprise Authorized reseller. Datacenter Edition includes x64 DVD media and COA. Reseller must affix the COA to the server and may preinstall the OS before delivery of the server to the end-customer.

NOTE: One Windows Server 2012 R2 Datacenter license covers up to 2 Processors and unlimited Virtual Machines (VMs), to license more processors Resellers can stack ROK or Additional Licenses.

Microsoft Windows Server 2012 R2 Datacenter ROK - No Reassignment Rights		748922-xxx
Language Code Key for	xxx = B21	English, French, Italian, German, Spanish
		AMS & EMEA Region

Models

748922-xxx	xxx = 291	Japanese	APJ Region
	xxx = 021	English, Dutch, Swedish, Portuguese, Turkish	EMEA Region
	xxx = 201	Brazilian Portuguese	LATAM Region
	xxx = 371	English, Korean	APJ Region
	xxx = 421	English, Russian, Polish, Czech	EMEA Region
	xxx = AA1	Chinese Simplified	APJ Region

Windows Server 2012 R2 Datacenter Edition 2P - with Reassignment Rights Reseller Option Kit

NOTE: Available for purchase from Hewlett Packard Enterprise or your local Hewlett Packard Enterprise Authorized reseller. Datacenter Edition includes x64 DVD media. Reseller may preinstall the OS before delivery of the server to the end-customer.

NOTE: The server OS license can be reassigned to another server for any reason (hardware failure, maintenance, upgrade, etc.). The COA is affixed to a license card which is the end user's proof of license for purposes of exercising the reassignment license rights. The server OS license may be reassigned by an end user to a different physical server no more than once every 90 days. Other rights and limitations are described on the license card.

IMPORTANT: Hewlett Packard Enterprise cannot provide downgrade media or keys for Windows Server 2012 R2 Datacenter with reassignment rights part numbers per Microsoft policy. Downgrade rights for these part numbers are limited to media and keys the customer already owns.

NOTE: One Windows Server 2012 R2 Datacenter license covers up to 2 Processors and unlimited Virtual Machines (VMs), to license more processors Resellers can add either Datacenter Additional Licenses or stack Datacenter with reassignment rights licenses, both options need to be added at the time of the Server purchase.

Microsoft Windows Server 2012 R2 Datacenter with Reassignment Rights ROK			854550-xxx
Language Code Key for 854550-xxx	xxx = B21	English	WW Region
	xxx = 051	French	EMEA Region
	xxx = 061	Italian	EMEA Region
	xxx = 041	German	EMEA Region
	xxx = 071	Spanish	AMS & EMEA Region
	xxx = 291	Japanese	APJ Region

Windows Server 2012 Datacenter Edition 2P Additional License

NOTE: Windows Server 2012 Additional Licenses apply to Windows Server 2012 R2. Datacenter Edition includes COA, will not include an activation key because will be activated with license key from the base OS license. Additional Licenses do not include media. Sold only as a configurable option with a ProLiant server purchase.

Microsoft Windows Server 2012 Datacenter Edition 2P Additional License FIO			701601-xxx
Language Code Key for 701601-xxx	xxx = DN1	English, French, Spanish, Brazilian Portuguese	AMS Region
	xxx = A21	English, French, Italian, German, Spanish	EMEA Region
	xxx = A41	English, Polish, Portuguese, Russian, Swedish, Turkish, Czech, Dutch	EMEA Region
	xxx = 291	Japanese	APJ Region

Models

xxx = 371 English, Korean APJ Region

Windows Server 2012 Datacenter Edition 2P with SQL Server 2014 Standard

NOTE: For Part Numbers on Windows Server 2012 R2 Datacenter bundled with SQL Server 2014 Standard please refer to the [SQL Server 2014 QuickSpecs](#).

Windows Server 2012 - Remote Desktop Services 5 Device CAL

NOTE: Windows Server 2012 CALs apply to Windows Server 2012 R2. All part numbers include 5 Device Client Access License (CAL) Packs; Sold from Hewlett Packard Enterprise with or without a ProLiant server.

Microsoft Windows Server 2012 Remote Desktop Services 5 Device CAL 701604-xxx

Language Code Key for 701604-xxx	xxx = DN1	English, French, Spanish, Brazilian Portuguese	AMS Region
	xxx = A21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish	EMEA Region
	xxx = 371	English, Korean	APJ Region
	xxx = 291	Japanese	APJ Region

Windows Server 2012 - Remote Desktop Services 5 User CAL

NOTE: Windows Server 2012 CALs apply to Windows Server 2012 R2. All part numbers include 5 User Client Access License (CAL) Packs; Sold from Hewlett Packard Enterprise with or without a ProLiant server.

Microsoft Windows Server 2012 Remote Desktop Services 5 User CAL 701605-xxx

Language Code Key for 701605-xxx	xxx = DN1	English, French, Spanish, Brazilian Portuguese	AMS Region
	xxx = A21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish	EMEA Region
	xxx = 371	English, Korean	APJ Region
	xxx = 291	Japanese	APJ Region

Windows Server 2012 50 User CAL

NOTE: Windows Server 2012 CALs apply to Windows Server 2012 R2. Sold from Hewlett Packard Enterprise with or without a ProLiant server.

Microsoft Windows Server 2012 50 User CAL 759562-xxx

Language Code Key for 759562-xxx	xxx = B21	English, French, Italian, German, Spanish, Japanese	WW
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Windows Server 2012 50 Device CAL

NOTE: Windows Server 2012 CALs apply to Windows Server 2012 R2. Sold from Hewlett Packard Enterprise with or without a ProLiant server.

Microsoft Windows Server 2012 50 Device CAL 759564-xxx

Language Code Key for 759564-xxx	xxx = B21	English, French, Italian, German, Spanish, Japanese	WW
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Models

Windows Server 2012 10 User CAL

NOTE: Windows Server 2012 CALs apply to Windows Server 2012 R2. Sold from Hewlett Packard Enterprise with or without a ProLiant server.

Microsoft Windows Server 2012 10 User CAL			759561-xxx
Language Code Key for 759561-xxx	xxx = B21	English, French, Italian, German, Spanish, Japanese	WW

Windows Server 2012 10 Device CAL

NOTE: Windows Server 2012 CALs apply to Windows Server 2012 R2. Sold from Hewlett Packard Enterprise with or without a ProLiant server.

Microsoft Windows Server 2012 10 Device CAL			759563-xxx
Language Code Key for 759563-xxx	xxx = B21	English, French, Italian, German, Spanish, Japanese	WW

Windows Server 2012 5 User CAL

NOTE: Windows Server 2012 CALs apply to Windows Server 2012 R2. All part numbers include 5 User Client Access License (CAL) Packs; Sold from Hewlett Packard Enterprise with or without a ProLiant server.

Microsoft Windows Server 2012 5 User CAL			701606-xxx
Language Code Key for 701606-xxx	xxx = DN1	English, French, Spanish, Brazilian Portuguese	AMS Region
	xxx = 201	Brazilian Portuguese	LATAM Region
	xxx = A21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish	EMEA Region
	xxx = 371	English, Korean	APJ Region
	xxx = 291	Japanese	APJ Region
	xxx = AA1	Chinese Simplified	APJ Region
	xxx = AB1	Chinese Traditional	APJ Region

Windows Server 2012 5 Device CAL

NOTE: Windows Server 2012 CALs apply to Windows Server 2012 R2. All part numbers include 5 Device Client Access License (CAL) Packs; Sold from Hewlett Packard Enterprise with or without a ProLiant server.

Microsoft Windows Server 2012 5 Device CAL			701607-xxx
Language Code Key for 701607-xxx	xxx = DN1	English, French, Spanish, Brazilian Portuguese	AMS Region
	xxx = A21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish	EMEA Region
	xxx = 371	English, Korean	APJ Region
	xxx = 291	Japanese	APJ Region

Windows Server 2012 1 User CAL

NOTE: Windows Server 2012 CALs apply to Windows Server 2012 R2. All part numbers include 1 User Client Access License (CAL) Packs; Sold from Hewlett Packard Enterprise with or without a ProLiant server.

Models

Microsoft Windows Server 2012 1 User CAL			701608-xxx
Language Code Key for 701608-xxx	xxx = DN1	English, French, Spanish, Brazilian Portuguese	AMS Region
	xxx = A21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish	EMEA Region
	xxx = 371	English, Korean	APJ Region
	xxx = 291	Japanese	APJ Region
	xxx = AA1	Chinese Simplified	APJ Region

Windows Server 2012 1 Device CAL

NOTE: Windows Server 2012 CALs apply to Windows Server 2012 R2. All part numbers include 1 Device Client Access License (CAL) Packs; Sold from Hewlett Packard Enterprise with or without a ProLiant server.

Microsoft Windows Server 2012 1 Device CAL			701609-xxx
Language Code Key for 701609-xxx	xxx = DN1	English, French, Spanish, Brazilian Portuguese	AMS Region
	xxx = A21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish	EMEA Region
	xxx = 371	English, Korean	APJ Region
	xxx = 291	Japanese	APJ Region

Downgrade Windows Server 2012 Standard Edition Not Pre-Installed

NOTE: Only available when purchasing Windows Server 2012 R2 with a Hewlett Packard Enterprise ProLiant server.

Microsoft Windows Server 2012 Standard Downgrade Kit FIO Not Pre-installed			756691-xxx
Language Code Key for 756691-xxx	xxx = B21	English, French, Italian, German, Spanish	AMS & EMEA Region
	xxx = 291	Japanese	APJ Region
	xxx = 371	English, Korean	APJ Region
	xxx = A41	English, Polish, Portuguese, Russian, Swedish, Turkish, Czech, Dutch	EMEA Region

Downgrade Windows Server 2012 Standard Edition Reseller Option Kit

NOTE: Available for purchase from your local Hewlett Packard Enterprise Authorized reseller only when purchasing Windows Server 2012 R2 with a Hewlett Packard Enterprise ProLiant server.

Microsoft Windows Server 2012 Standard Downgrade Kit ROK			782516-xxx
Language Code Key for 782516-xxx	xxx = 291	Japanese	APJ Region

Downgrade Windows Server 2012 Datacenter Edition Not Pre-Installed

NOTE: Only available when purchasing Windows Server 2012 R2 with a Hewlett Packard Enterprise ProLiant server.

Microsoft Windows Server 2012 Datacenter Downgrade Kit FIO Not Pre-installed			756692-xxx
Language Code Key for	xxx = B21	English, French, Italian, German, Spanish	AMS & EMEA

Models

756692-xxx

xxx = 291

Japanese

Region

APJ Region

xxx = 371

English, Korean

APJ Region

Downgrade Windows Server 2008 R2

NOTE: For details on Windows Server 2008 R2 Downgrades please refer to the [Windows Server 2012](#)

[QuickSpecs](#).

Additional Features

Insight management software

HPE Insight Control, a product option, delivers essential infrastructure management that can help save time and money by making it easy to deploy, migrate, monitor, remote control, and optimize your IT infrastructure through a single, simple management console. HPE Insight Control also supports Location and Power Discovery Services to automate many configuration, asset tracking, and power management tasks to speed implementation and prevent downtime. For more information, see: <http://www.hp.com/go/insightcontrol>.

HPE Insight Control includes one year of 24 x 7 HPE Software Technical Support and Update Service ensuring rapid access to Hewlett Packard Enterprise support staff and proactive delivery of software updates. For more information about this service, see: <http://www.hp.com/services/insight>.

HPE Integrated Lights Out (iLO)

HPE iLO Essentials license ideal for small and medium business customers. The specially created HPE iLO Essentials (a subset of iLO Advanced functionality) saves SMB customers time and money, by ease of remote server set up through the interactive virtual media, lowering operational costs with remote access via the Integrated Remote Console, and faster time to resolution with email-based proactive notifications. With this newly designed HPE iLO Essentials license SMB customers now have the option of a server management package solely design and priced just right for their IT environments. HPE iLO Essentials is available on all HPE ProLiant Gen8 e-series making this an ideal solution for small business owners. For more information, see: <http://www.hp.com/go/iLO/essentials>

HPE iLO Advanced HPE Integrated Lights-Out Advanced License a product option, providing smart remote server management without compromise. iLO Advanced unlocks the full set of remote administration functionality for all HPE ProLiant servers by activating the full Virtual Keyboard Video and Mouse remote console, multiuser collaboration, console record and replay, GUI-based and scripted virtual media and virtual folders, and enhanced security and power management functionality. For more information, see: <http://www.hp.com/go/iloadvance>

Software Technical Support

HPE Foundation Care Services provide reliable and consistent support to keep your business up and running. Within Foundation Care we offer several ways for you to obtain support for your Microsoft solution. If your purchase includes the software licenses for Microsoft products, you receive 90 days' telephone support for as you set up your Microsoft software. You can purchase more extensive support to cover your requirements.

HPE Software Technical Support provides remote software support services for Microsoft Windows Server 2012 R2. With HPE Software Technical Support, your IT staff receives fast and reliable access to HPE Global Support Centers. Hewlett Packard Enterprise technical resources work with your IT team to provide advice on software features and use, problem diagnosis and resolution, software defect identification, and access to patches.

This service also provides electronic access to comprehensive support information, allowing any member of your IT staff to locate essential product and support information.

Software Technical Support for Windows Server 2012 R2 is available from Hewlett Packard Enterprise via multiple contact methods, including electronic media and telephone Software Technical Support includes assistance with:

- **24x7 access to technical resources** - Connect with HPE Global Solution 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,

Additional Features

including all holidays.

- **Problem analysis and resolution** - HPE 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** - Hewlett Packard Enterprise 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 Hewlett Packard Enterprise to Microsoft Windows.
- **Electronic software information** - Access Hewlett Packard Enterprise'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-Hewlett Packard Enterprise products

NOTE: For more information, visit: <http://www.hp.com/services/software-support>.

Microsoft Software Assurance

Boost productivity across your organization with new software versions, deployment planning services, 24x7 phone and web support, end-user training, unique desktop technologies and more, all in one cost-effective program.

With New Product Versions, every Microsoft product license that is covered by Software Assurance can be upgraded to the most recent version.

For example, if a new version of Microsoft Windows Server is made available during the term of your coverage, your licenses will automatically be upgraded to the new version. Customers that acquire perpetual licenses through Software Assurance can deploy the upgrades after their coverage has expired.

NOTE: For more information, please visit:

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

HPE Software Licensing and Management Solutions (SLMS)

HPE SLMS provides prime source licensing fulfillment and software license management solutions for various Microsoft operating systems and applications volume licenses to large multinational enterprise or domestic companies. Hewlett Packard Enterprise 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. Hewlett Packard Enterprise offers three comprehensive Microsoft licensing programs: Open, Select and Enterprise License.

NOTE: For more information on HPE SLMS, visit:

<http://www8.hp.com/us/en/business-services/slms/strategic-vendors/microsoft.html>

Windows Server Catalog Definition

Microsoft's certification program allows HPE ProLiant servers a compatibility certification with Windows Server operating systems. HPE ProLiant Servers listed in the Windows Server Catalog have been rigorously tested and certified with Windows Server 2012 R2.

NOTE: For information on ProLiant servers certified for Windows server, visit:

<http://www.hp.com/servers/wincert>.

NOTE: For details on Microsoft's server catalog and also a list of HPE ProLiant certified servers,

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visit: <http://www.windowsservercatalog.com/>.

Environment-friendly Products and Approach	End-of-life Management and Recycling	Hewlett Packard Enterprise offers end-of-life Hewlett Packard Enterprise 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 Hewlett Packard Enterprise sales office. Products returned to Hewlett Packard Enterprise will be recycled, recovered or disposed of in a responsible manner.
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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 Enterprise web site at: <http://www.hp.com/go/green>. These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment.

Summary of Changes

Date	Version History	Action	Description of Change
27-May-2016	From Version 9 to 10	Changed	Overview and Models were revised.
31-Mar-2016	From Version 8 to 9	Added	Windows Server 2012 R2 Datacenter Edition 2P - with Reassignment Rights OS Not Pre-Installed and Windows Server 2012 R2 Datacenter Edition 2P - with Reassignment Rights Reseller Option Kit SKUs were added to the Models section.
		Changed	Overview and Models were revised.
02-Oct-2015	From Version 7 to 8	Added	Added new Windows Server Standard Additional License SKUs with expanded licensing rights.
24-Jul-2015	From Version 6 to 7	Added	English and Korean language options added to 701601-xxx (Worldwide version only).
		Removed	LATAM Region was removed from option 755993-xxx, 756691-xxx, and 756692-xxx (Worldwide version only). Downgrade Windows Server 2012 Datacenter Edition Reseller Option Kit was removed from QuickSpecs.
01-Jun-2015	From Version 5 to 6	Added	Added Windows Server 2012 R2 Standard Edition Not Pre-Installed, English only, recommended for users that will install the OS and Applications without Internet Connection.
01-Dec-2014	From Version 4 to 5	Changed	What's New section was updated.
			Changes made throughout the entire Models section.
09-Sep-2014	From Version 3 to 4	Changed	Changes made throughout the entire Models section.
18-Mar-2014	From Version 2 to 3	Changed	Models was revised.
08-Feb-2014	From Version 1 to 2	Changed	Changes made throughout the entire Models section.



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