



Original Authentic Windows Server 2012 Versions Retailbox Win Server 2012 R2 Essentials

Our Product Introduction

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Basic Information

- Place of Origin: Ireland
- Brand Name: Microsoft
- Certification: Microsoft Certified
- Model Number: Windows server 2012
- Minimum Order Quantity: 5 pieces
- Price: Negotiable
- Packaging Details: Factory Sealed Retail box / OEM
- Delivery Time: 48 hours
- Payment Terms: T/T, Western Union, MoneyGram,
- Supply Ability: 5000 pieces/week



Product Specification

- Type: Server 2012 R2 Essentials
- Service: 24 Hours Online
- Shipping Cost: Almost Free
- Shipment: Fast By DHL
- Sample: Free
- Activation: By Internet
- Highlight: **windows server 2012 standard,**
windows server 2012 datacenter



Product Description

Original Authentic Windows Server 2012 Retailbox win server 2012 r2 essentials

Quick reference table:

Feature	Windows Server 2012		Windows Server 2012 R2	
	Removed	Depreciated	Removed	Depreciated
AD FS v1 Web Agent			x	
AD FS in-place upgrade from AD FS 1.0 or "out of box" AD FS 2.0	x			
AD FS support for "Resource Group"	x			
AD FS support for NT Token mode	x			
AD FS support for using AD LDS as an authentication store	x			
AD RMS license revocation				x
AD RMS SDK				x
Application Server role				x
Built-in drivers for tape drives				x
Cluster Automation Server COM API	x (made optional)		x (optional)	
Cluster.exe command-line interface	x (made optional)		x (optional)	
CertObj COM and InetInfo interfaces of the Web Server role				x
Dcpromo.exe		x		
Dfscmd.exe				x
Drivers for Jet Red RDBMS and ODBC		x		x
File Replication Service				x
GAA_FLAG_INCLUDE_TUNNEL_BINDINGORDER flat in GetAdaptersAddresses				x
Internet Information Service (IIS) 6.0 Manager				x
Layered Service Providers		x		x
IscsiVirtualDiskSnapshot and associated WMI methods				x
LPR/LPD protocol		x		x
Namespace for version 1.0 of WMI; WMIC (in WMI)		x	x	
NDIS version 5.0, 5.1, and 5.2 APIs		x	x	
Net DMA	x			
Network Access Protection (NAP)				x
Network Information Service (NIS) and Tools (in RSAT)				x
Nfssshare.exe				x
NFSv2 support				x
Oclst.exe	x			
ODBC support for 16- and 32-bit applications and drivers		x		x
ODBC/OLEDB support for Microsoft Oracle		x		
ODBC/OLEDB support for SQL beyond SQL Server 7 and SQL 2000		x		x
Providers for SNMP, Win32_ServerFeature API, Active Directory, MSCLUS WMI1.0 (in WMI)		x		x
Recovery disk creation			x	
Remote Data Service		x		
Role Collector (Ceiprole.exe) and associated API	x			
SCSIport host-bus adapter	x			
Servermanagercmd.exe		x	x	
Security Configuration Wizard				x
SIS Limited API				x
Slmgr.vbs options			x	
SMB 1.0				x
SMB.sys	x			
SMTP and associated management tools		x		x
SQLXMLX		x		x
Storage Explorer snap-in for MMC	x			
Storage Manager for SANs snap-in for MMC	x			
Subsystem for UNIX-based Applications		x	x	
Support for 32-bit cluster resource DLLs	x			
Support for hardware drivers for XDDM	x			
Support for Microsoft SQL Server prior to 7.0	x			
Support for native VGA via the PC/AT BIOS or UEFI CSM	x			
Support for Static VMQ	x			
Support for Token Rings	x			
Support for Visual Studio Analyzer 2003 over ODBC, OLEDB, and ADO	x			

System Image Backup ("Windows 7 File Recovery")			x	
Telnet server				x
VM Chimney (also called TCP Offload) (in Hyper-V)	x			
Windows Server 2003 domain and functional levels of Active Directory				x
Windows Authorization Manager (AzMan)		x		x
Windows Help executable (WinHlp32.exe)	x			
Windows Identity Foundation 3.5				x
Windows Server Resource Manager		x	x	
Winsock Direct		x	x	
WMI root\virtualization namespace v1 (in Hyper-V)		x	x	
XDR schema elements, XSI pattern feature of MSXML3 (in XML)		x		x

System Requirements and Installation Information for Windows Server 2012 R2:

1 . Installation is the basic concept of getting the new operating system on your hardware. Specifically, a clean installation requires deleting the previous operating system.

2 . Upgrade means moving from your existing operating system to Windows Server 2012 R2, while staying on the same hardware. You can upgrade from an evaluation version of Windows Server 2012 R2, a current retail version of certain editions of Windows Server 2012 R2 (an action known as "license conversion"), a previous retail version of certain editions of Windows Server, or from a volume-licensed edition of Windows Server 2012 R2. Even while staying on the same hardware, some server roles might require specific steps to ensure a smooth upgrade. For detailed information about upgrading by any of these methods to Windows Server 2012 R2, see upgrade options

3 . Migration means moving from your existing operating system to Windows Server 2012 R2 by transferring to a different set of hardware. Migration, which might vary considerably depending on the server roles you have installed, is discussed in detail at <http://technet.microsoft.com/windowsserver/dn458795>.

Installing versions distributed as VHDs

In addition to the other distribution channels, Windows Server 2012 R2 is also available as a pre-configured virtual hard disk (VHD) file, which you can obtain from the TechNet Evaluation Center (<http://technet.microsoft.com/evalcenter/dn205286.aspx>). VHD files are available with Windows Server 2012 R2 pre-configured in either Server Core mode or Server with a GUI mode (though you can switch modes after installation at will). The resulting virtual machine has the following characteristics:

English only
2 GB RAM
1 CPU
80 GB hard drive

To use the VHD distribution, you must have a computer running Windows Server 2008 R2, Windows Server 2012, or Windows Server 2012 R2. The Hyper-V server role must be installed.

To install the VHD

- 1 . Download the VHD file to a convenient location. A common location is C:\Users\Public\Documents\Hyper-V\Virtual hard disks, but any location you prefer will work.
- 2 . Start Hyper-V Manager. On the Action menu, point to New, and then point to Virtual Machine.
- 3 . Complete the New Virtual Machine wizard, and on the Connect Virtual Hard Disk page, choose Attach a virtual hard disk later.
- 4 . After completing the New Virtual Machine wizard, check Hyper-V Manager to verify that the virtual machine was successfully created.
- 5 . Right-click the new virtual machine and point to Settings. In the left pane, click IDE Controller 0. In the right pane, point to Hard Drive, and then Add. In the menu that opens, click Virtual Hard Disk and point to Browse.... Navigate to the location of the VHD you downloaded, select that file, and then click OK.
- 6 . Configure the network adapter for the resulting virtual machine: right-click the virtual machine and select Settings. In the left pane, click Network Adapter. In the menu that appears, select one of the network adapters of the virtualization server, and then click OK.
- 7 . Start the virtual machine.

Features removed from Windows Server 2012 R2:

Backup and file recovery

1. The File Backup and Restore feature has been removed. Use the File History feature instead.
- 2 . System Image Backup (the "Windows 7 File Recovery" feature) has been removed. Instead, use "Reset your PC."

Drivers

Drivers for tape drives have been removed from the operating system. Instead, use the drivers provided by the manufacturer of your tape drive.

Recovery disk creation

The ability to create a recovery disk on CD or DVD has been removed. Use the Recovery Disk to USB feature.

Slmgr.vbs options

The /stao (sets token activation only) and /ctao (clears activation tokens only) options of Slmgr.vbs have been removed. These options have been replaced by more flexible activation command options.

Subsystem for UNIX-based Applications

The Subsystem for UNIX-based Applications (SUA) has been removed. If you use the SUA POSIX subsystem with this

release, use Hyper-V to virtualize the server. If you use the tools provided by SUA, switch to Cygwin's POSIX emulation, or use either mingw-w64 (available from Sourceforge.net) or MinGW (available from MinGW.org) for doing a native port.

WMI rootvirtualization namespace v1 (used in Hyper-V)

The WMI rootvirtualizationv1 namespace has been removed. Instead use the rootvirtualizationv2 namespace.

Windows Server 2012 Editions

Datacenter

Datacenter edition is ideal for customers who want to have a highly virtualized private and hybrid cloud environment. As always, it provides access to all the product features and enables unlimited instances of Windows Server with each license, enabling your virtual environment to grow as you do. The licensing for Datacenter edition will continue to be processor plus CAL (Client Access License), with each license covering up to two physical processors on a single server.

Standard

Standard edition is ideal for those customers who want to have a physical or lightly virtualized environment. This edition enables you to run up to two virtual instances of Windows Server with each license and provides all the same features as Datacenter edition. The licensing for Standard edition will continue to be processor plus CAL, with each license covering up to two physical processors on a single server, just like Datacenter edition.

Essentials

Essentials edition is ideal for small businesses that have up to 25 users and want to have a simpler, pre-configured connection to cloud-based services. This edition enables you to run a single virtual instance of Essentials. The licensing for Essentials will continue to be a server license for a two processor server that does not require CALs.

Foundation

Foundation edition is ideal for small businesses that have up to 15 users and want a general purpose server. The licensing for Foundation has not changed; it continues to be a server license for a one-processor server that does not require CALs and is sold only through OEM (original equipment manufacturer).

Windows Server 2012	Windows Server Essentials	Windows Server Standard	Windows Server Datacenter
Features	✓ Cloud connected first server ✓ Essentials Experience Dashboard provides easy way to share files, back-up data, enable remote access, and optionally connect to the cloud.	✓ Contains ALL features including Windows Failover Clustering, Active Directory, and new Server Manager for managing multiple servers.	✓ All Standard edition features plus unlimited Windows Server virtual machines on one physical server
Licensing Model	✓ Server license includes rights for up to 25 users or 50 devices	✓ Each license grants two virtual machines on up to two CPUs ✓ Each User or Device requires a Client Access License (CAL)	✓ Each license covers up to two CPUs ✓ Each User or Device requires a Client Access License (CAL)
Windows Server Virtual Machines allowed	1 (must be Essentials Edition OS) *R2 Version ONLY	2 per license	Unlimited
Best Fit for	Companies with less than 25 users who aren't virtualizing.	Companies with more than 25 users who don't need unlimited virtualization	Companies utilizing virtualization to get the most efficiency from each server.
Are Windows Server CALs required?	No	Yes	Yes

Run up to four Virtual Machines on up to four processors

- 1 . Essentials Experience - New: Windows Server Essentials Experience (WSEE)
- 2 . The Essentials Graphical User Interface is a role in Windows Server Standard 2012 R2
- 3 . Work Folders - Synchronize and protect critical data with "Work Folders", a new feature that facilitates the BYOD (bring-your-own-device) trend by enabling users to access work files from their personal computers and devices. Organizations retain centralized control over that data and can specify device policies such as encryption and lock screen password.
- 4 . Data Deduplication; finding and removing duplication within data without compromising its fidelity or integrity
- 5 . Hyper-V Replica - Affordable disaster recovery, included in Windows Server 2012, makes an initial replica of virtual machines and then replicates any changes.
- 6 . Easily move workloads to new servers with no downtime
- 7 . Flexible, scalable storage; A cost-effective way to get the storage your business requires
- 8 . Centralized backup and remote access
- 9 . Networked file and print sharing
- 10 . Centralized storage and security of files
- 11 . Mobile user access to company data
- 12 . Windows Server 2012 Standard is for minimally virtualized environments.
- 13 . Every user or device accessing the server OS requires a CAL (Client Access License)
- 14 . One of the most comprehensive solution platforms for SMB
- 15 . Ideal solution for small businesses with multiple types of clients (laptops / devices / desktops / tablets) and remote end users. Users that require secure access to shared information, centralized file sharing, print services, and require remote access to company data from anywhere on any device.

Benefits

At the heart of Microsoft's Cloud OS, Windows Server helps customers transform the datacenter, taking advantage of technical advances and new hybrid cloud capabilities to increase resilience, simplify management, reduce cost, and speed delivery of services to the business.

Windows Server 2012 R2 is a proven, enterprise-class cloud and datacenter platform that can scale to run your largest

workloads while enabling robust recovery options to protect against service outages. It helps accelerate time to value by simplifying your underlying infrastructure and allowing you to reduce cost by taking advantage of industry-standard hardware. Windows Server 2012 R2 helps you build, deploy and scale applications and web sites quickly, and gives you the flexibility to move workloads between on-premises environments and the cloud. It enables you to provide flexible, remote access to corporate resources while managing identities across your datacenter and federated into the cloud, and it helps you protect critical business information.

Features:

- 1 . Best value for virtualization - allows unlimited Virtual Machines (VM)
- 2 . Get the most out of your server hardware
- 3 . Simplified management console and clustering included
- 4 . Deduplication: Reduce wasted storage automatically
- 5 . High Availability and Disaster Recovery included
- 6 . Server Datacenter 2012 R2 requires CALs, which are not included with this product

Specifications:

Operating System	Microsoft Windows Server 2012 Standard x64-bit
Language(s)	English
License Type	License
Distribution Media	DVD-ROM
License Qty	2 additional processors
Licensing Details	64-bit

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