

## Online Activation Windows Server 2012 Datacenter 5 user 32 bit 64 bit Retail Box

### Our Product Introduction

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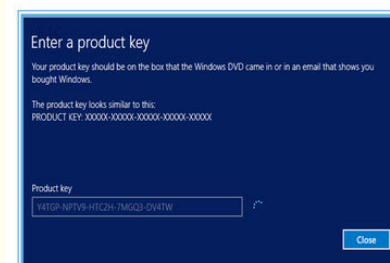
#### Basic Information

- 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

- Media: 32bitx64bit
- Type: Brand New
- Application: All Over The World
- Package: Retail
- Version: Datacenter
- Activation: Online
- Highlight: windows server 2012 r2 versions,  
windows server 2012 standard



## Product Description

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#### Description:

Windows Server 2012 R2 provides a wide range of new and enhanced features and capabilities spanning server virtualization, storage, software-defined networking, server management and automation, web and application platform, access and information protection, virtual desktop infrastructure, and more.

#### 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.

#### Languages

Chinese (Simplified), English, French, German, Italian, Japanese, Russian, Spanish

#### Edition

Windows Server 2012 R2 Datacenter on Microsoft Azure  
Windows Server 2012 R2 Datacenter 64-bit ISO  
Windows Server 2012 R2 Datacenter Virtual Lab  
Windows Server 2012 R2 Datacenter 64-bit VHD

#### Preinstall information:

- 1 . Review Windows Server 2012 R2 Essentials system requirements
- 2 . Register, and then download and install full-featured software for a 180-day trial
- 3 . Receive emails with resources to guide you through your evaluation

#### Steps to Activate Software License

Connect to the internet, which will allow the software licensing service to attempt activation

Telephone activation

Users with no internet connectivity can trigger the 10-day grace period by running the following commands from an elevated command prompt:

- 1 . Slmgr /rearm
- 2 . Shutdown -r

#### Notes:

- 1 . Applies to Windows Server 2008 R2 and 2012 Datacenter and Windows Server 2012 Standard only. Other editions support less.
- 2 . Each virtualized partition, including the host itself, can use up to 64 processors.[50]
- 3 . Each license of Windows Server 2012 Standard or Datacenter allows up to two processor chips. Each license of Windows Server 2012 Standard allows up to two virtual instances of Windows Server 2012 Standard on that physical server. If more virtual instances of Windows Server 2012 Standard are needed, each additional license of Windows Server 2012 allows up to two more virtual instances of Windows Server 2012 Standard, even though the physical server itself may have sufficient licenses for its processor chip count. Because Windows Server 2012 Datacenter has no limit on the number of virtual instances per licensed server, only enough licenses for the physical server are needed for any number of virtual instances of Windows Server 2012 Datacenter. If the number of processor chips or virtual instances is an odd number, the number of licenses required is the same as the next even number. For example, a single-processor-chip server would still require 1 license, the same as if the server were two-processor-chip and a five-processor-chip server would require 3 licenses, the same as if the server were six-processor-chip, and if 15 virtual instances of Windows Server 2012 Standard are needed on one server, 8 licenses of Windows Server 2012, which can cover up to 16 virtual instances, are needed (assuming, in this example, that the processor chip count does not exceed 16).
- 4 . For the Standard and Datacenter editions, each user or device accessing the software must have a client access license (CAL) assigned (either per-user or per-device), so there may be no more simultaneous users than the number of client-access licenses, except up to 2 simultaneous users purely to administer the server software, or for running virtualization or web workloads. Remote Desktop Services requires an additional CAL separate from the aforementioned CAL.
- 5 . If the number of physical processors in a particular server is under 64, the limit is determined by the quantity of licenses assigned to that server. In that case, the number of physical processors cannot exceed twice the number of licenses assigned to the server.

#### Changes from Windows Server 2012

Microsoft has confirmed the following changes introduced by Windows Server 2012 R2:

Automated Tiering: Storage Spaces stores most frequently accessed files on fastest physical media

Deduplication for VHD: Reduces the storage space for VHD files with largely similar contents by storing the similar contents

only once

Windows PowerShell v4, which now includes a Desired State Configuration (DSC) feature

Integrated Office 365 support (Essentials edition)

User interface changes from Windows 8.1, including visible Start button

UEFI-based virtual machines

Upgrades from driver emulators to synthetic hardware drivers to minimize legacy support

Faster VM deployment (approximately half the time)

Internet Information Services 8.5: Support for logging to Event Tracing for Windows and the ability to log any request/response headers. To improve scalability, if IIS is configured with 100 or more web sites, by default it will not automatically start any of them. Alongside this, a new "Idle Worker Process Page-Out" configuration option has been added to application pools to instruct Windows to page-out the process if it has been idle for the idle time-out period (by default, 20 minutes).

Server Message Block: Performance and event logging quality improvements, support for Hyper-V Live Migration over SMB, bandwidth prioritization management, and the ability to remove SMB 1.0 support

Windows Deployment Services: Support for managing WDS via PowerShell.

Windows Defender is available in a Server Core installation, and is installed and enabled by default.

IP Address Management (IPAM): Extended to support role-based access control, allowing for fine-grained control over which users can view or change configurations for DHCP reservations, scopes, IP address blocks, DNS resource records, etc.

Additionally, IPAM can integrate with System Center Virtual Machine Manager 2012 R2 to have coordinated IP policy across both physical and virtual environments. The IPAM database can be stored in a SQL Server instance instead of Windows Internal Database.

Group Policy has a new "Policy Cache" setting which allows domain-joined machines to store a copy of the group policy settings on the client machine and, depending on the speed of access to the domain controller, use those at startup time instead of waiting for the policy settings to download. This can improve startup times on machines that are disconnected from the company network.<sup>[80]</sup> New Group Policy settings have been added to cover new features in Windows 8.1 and Internet Explorer 11, such as enabling/disabling SPDY/3 support, configuring start screen layouts, and detecting phone numbers in web pages.

TLS support is extended to support RFC 5077 "Transport Layer Security (TLS) Session Resumption without Server-Side State", which improves performance of long-running TLS-secured connections that need to reconnect due to session expiration.

Hyper-V role and Hyper-V management console are added to the Essentials edition.

Windows Server Update Services was made available for Windows Server 2012 R2 Essentials edition.

ReFS gained support for alternate data streams and automatic error-correction on parity spaces.

#### 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

#### Scalability:

Windows Server 2012 supports the following maximum hardware specifications. Windows Server 2012 improves over its predecessor Windows Server 2008 R2:

Specification	Windows Server 2012	Windows Server 2008 R2
Physical processors	64	64
Logical processors when Hyper-V is disabled	640	256
Logical processors when Hyper-V is enabled	320	64
Memory	4 TB	2 TB
Failover cluster nodes (in any single cluster)	64	16



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