

## English Windows Server 2012 Versions / Server 2012 R2 Essentials 64 Bit

**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: DVD
- Condition: Brand New
- Application: No Limitation
- Package: OEM/Retail
- Version: Standard/Datacenter
- Activation: Online
- Highlight: windows server 2012 standard,  
windows server 2012 datacenter



## Product Description

### English Windows Server 2012 R2 Essentials 64-Bit Windows Server 2012 Activation Online

#### Features:

- 1 . Full OEM Version of Windows Server 2012 R2 Standard Edition
- 2 . Simplified management console and clustering included
- 3 . Deduplication: Reduce wasted storage automaticall
- 4 . Virtualization: Run up to two virtual machines on up to two CPUs
- 5 . OEM Server License and Media; Server 2012 Standard requires CALS, which are not included with this product

#### 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

#### Windows Server 2012 R2 Standard

With Windows Server 2012 R2 you can scale to run your most important workloads with robust recovery options. You'll achieve value quickly with a wide range of cost-effective, high-performance storage options and simplified delivery of multi-tenant IT services. You can build, deploy, operate, and monitor applications on premises and in the cloud. Empower users with secure access to corporate resources on the devices they choose.

Windows Server 2012 R2 Standard is perfect for:

Any business with 25 or more users that wants to leverage the performance and scalability of Windows Server.

#### Unlimited users

Add as many users as you'd like by purchasing a Windows Server CAL for each user.

#### Secure Anywhere Access

Provide secure remote access to your mobile workers and automatic VPN connections to enable your users to sync their work files from a corporate server to their devices.

#### Storage

Build scalable, high-performance, highly available storage solutions using industry-standard hardware so your services can be continuously available too.

#### Virtualization

Take advantage of the cost savings of virtualization and maximize server hardware investments by consolidating your servers as virtual machines on a single physical host.

### Multiple Server Management

Use a single dashboard to view take action across multiple servers through a single relevant dashboard in Server Manager.

### Windows Failover Clustering

Group two or more physical servers and use automatic failover to increase availability during planned or unplanned downtime.

### 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



**Minko Software Service Co. LTD**



86-13539872669



sales@hkminko.com



computersoftware-systems.com

Huaqiang North ,Futian district,Shenzhen City,China