



## Microsoft Windows Server 2019 Datacenter 16 Core P73-07788 Global Key

### Our Product Introduction

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#### Basic Information

- Place of Origin: Ireland
- Brand Name: Microsoft
- Certification: Microsoft Certified
- Model Number: Windows server 2019 datacenter
- 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

- Language: English
- Item Numner: P73-07788
- Maximum RAM: 24TB
- Region: Global
- Core: 16
- Activation: Online
- Highlight: Microsoft Windows Server 2019 Datacenter,  
MS Windows Server 2019 Datacenter,  
Microsoft Windows Server 2019 Key



## Product Description

### Microsoft Windows Server 2019 Datacenter 16 Core P73-07788 Global Key

#### Product description:

The Windows Server Datacenter edition offers the widest range of capabilities and features without a large number of licensing limitations. It allows you to use an unlimited number of virtual machines, with 1 Hyper-V host for each license. This edition is suitable for businesses demanding advanced storage and virtualization, and who have more demanding information technology needs. It allows you to use all types of containers and does not set any limit to the number of containers that you can use.

The Datacenter edition is equipped with unique product features. One of them is the Host Guardian Hyper-V Support. This enables you to run a trusted software and manage the keys required to start up shielded virtual machines. This also ensures that the enterprise or hosting company is aware of the Hyper-V hosts.

The Windows Server 2019 Datacenter edition also has Storage Replica with no limits on the amount of data or number of volumes. This allows you to replicate or back up all your data for disaster recovery, and ensure smooth functioning of your website.

You can activate this edition either as a guest or as a host. This edition also has the feature of Software-defined networking, which allows you to program the network in a centrally-controlled manner. It also enables you to monitor and improve the network holistically, notwithstanding the network technology.

Another feature is Storage Spaces Direct, which gives incomparable performance and efficiency when it comes to storage of data. It uses industry-standard, highly-available servers to store your data in local-attached drives. All this comes at a price cheaper than the traditional NAS or SAN arrays.

Another advantage of the Datacenter edition is that you can virtualize an unlimited number of Windows Server instances within the physical Windows Server machine.

#### Features:

Windows Server 2019 Datacenter Edition includes support for virtualization and containers at no extra cost

Deliver real-time, high availability Disaster Recovery (DR) on-premises or the cloud using Storage Replica

Get high availability of mission-critical workloads, even during upgrades or migrations

Get scalable storage options to meet your growing data needs

This license is 64-bit for 16 Core

| 2019 Edition Key Features         | Minimum License Requirements        |
|-----------------------------------|-------------------------------------|
| Core Windows Server Functionality | All physical cores must be licensed |
| Hybrid integration                | 8 core licenses per processor       |
| OSEs/Hyper-V Containers           | 16 core licenses per server         |
| Windows Server Containers         |                                     |

#### Comparison:

| Windows Server Features installable with Server Manager (or PowerShell) | Windows Server 2016 Standard                                   | Windows Server 2016 Datacenter                        |
|---|--|---|
| .NET Framework 3.5  | Yes  | Yes   |
| .NET Framework 4.6  | Yes  | Yes   |
| Background Intelligent Transfer Service (BITS)                          | Yes  | Yes   |
| BitLocker Drive Encryption  | Yes  | Yes   |
| BitLocker Network Unlock  | Yes, when installed as Server with Desktop Experience          | Yes, when installed as Server with Desktop Experience |
| BranchCache   | Yes  | Yes   |
| Client for NFS  | Yes  | Yes   |
| Containers  | Yes (Windows containers unlimited; Hyper-V containers up to 2) | Yes (all container types unlimited)                   |
| Data Center Bridging  | Yes  | Yes   |
| Direct Play   | Yes, when installed as Server with Desktop Experience          | Yes, when installed as Server with Desktop Experience |
| Enhanced Storage  | Yes  | Yes   |
| Failover Clustering   | Yes  | Yes   |
| Group Policy Management   | Yes  | Yes   |
| Host Guardian Hyper-V Support   | No   | Yes   |
| I/O Quality of Service  | Yes  | Yes   |
| IIS Hostable Web Core   | Yes  | Yes   |
| Internet Printing Client  | Yes, when installed as Server with Desktop Experience          | Yes, when installed as Server with Desktop Experience |
| IPAM Server   | Yes  | Yes   |
| iSNS Server service   | Yes  | Yes   |
| LPR Port Monitor  | Yes, when installed as Server with Desktop Experience          | Yes, when installed as Server with Desktop Experience |

| Windows Server Features installable with Server Manager (or PowerShell) | Windows Server 2016 Standard                          | Windows Server 2016 Datacenter                        |
|---|---|---|
| Management OData IIS Extension  | Yes   | Yes   |
| Media Foundation  | Yes   | Yes   |
| Message Queueing  | Yes   | Yes   |
| Multipath I/O   | Yes   | Yes   |
| MultiPoint Connector  | Yes   | Yes   |
| Network Load Balancing  | Yes   | Yes   |
| Peer Name Resolution Protocol   | Yes   | Yes   |
| Quality Windows Audio Video Experience                                  | Yes   | Yes   |
| RAS Connection Manager Administration Kit                               | Yes, when installed as Server with Desktop Experience | Yes, when installed as Server with Desktop Experience |
| Remote Assistance   | Yes, when installed as Server with Desktop Experience | Yes, when installed as Server with Desktop Experience |
| Remote Differential Compression   | Yes   | Yes   |
| RSAT  | Yes   | Yes   |
| RPC over HTTP Proxy   | Yes   | Yes   |
| Setup and Boot Event Collection   | Yes   | Yes   |
| Simple TCP/IP Services  | Yes, when installed as Server with Desktop Experience | Yes, when installed as Server with Desktop Experience |
| SMB 1.0/CIFS File Sharing Support                                       | Installed   | Installed   |
| SMB Bandwidth Limit   | Yes   | Yes   |
| SMTP Server   | Yes   | Yes   |
| SNMP Service  | Yes   | Yes   |
| Software Load Balancer  | Yes   | Yes   |
| Storage Replica   | No  | Yes   |
| Telnet Client   | Yes   | Yes   |
| TFTP Client   | Yes, when installed as Server with Desktop Experience | Yes, when installed as Server with Desktop Experience |
| VM Shielding Tools for Fabric Management                                | Yes   | Yes   |
| WebDAV Redirector   | Yes   | Yes   |
| Windows Biometric Framework   | Yes, when installed as Server with Desktop Experience | Yes, when installed as Server with Desktop Experience |
| Windows Defender features   | Installed   | Installed   |
| Windows Identity Foundation 3.5   | Yes, when installed as Server with Desktop Experience | Yes, when installed as Server with Desktop Experience |
| Windows Internal Database   | Yes   | Yes   |
| Windows PowerShell  | Installed   | Installed   |
| Windows Process Activation Service                                      | Yes   | Yes   |
| Windows Search Service  | Yes, when installed as Server with Desktop Experience | Yes, when installed as Server with Desktop Experience |
| Windows Server Backup   | Yes   | Yes   |
| Windows Server Migration Tools  | Yes   | Yes   |
| Windows Standards-Based Storage Management                              | Yes   | Yes   |
| Windows TIFF IFilter  | Yes, when installed as Server with Desktop Experience | Yes, when installed as Server with Desktop Experience |
| WinRM IIS Extension   | Yes   | Yes   |
| WINS Server   | Yes   | Yes   |
| Wireless LAN Service  | Yes   | Yes   |
| WoW64 support   | Installed   | Installed   |
| XPS Viewer  | Yes, when installed as Server with Desktop Experience | Yes, when installed as Server with Desktop Experience |

#### Networking features:

DHCP: As Network Access Protection was deprecated in Windows Server 2012 R2, in Windows Server 2016 the DHCP role no longer supports NAP

DNS:

DNS client: Service binding – enhanced support for computers with more than one network interface

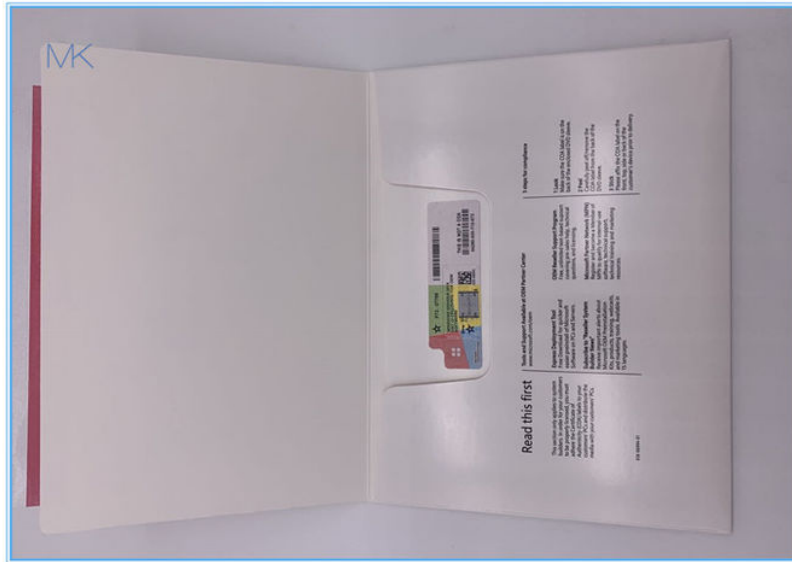
DNS Server: DNS policies, new DDS record types (TLSA, SPF, and unknown records), new PowerShell cmdlets and parameters

Windows Server Gateway now supports Generic Routing Encapsulation (GRE) tunnels

IP address management (IPAM): Support for /31, /32, and /128 subnets; discovery of file-based, domain-joined DNS servers; new DNS functions; better integration of DNS, DHCP, and IP Address (DDI) Management

Network Controller: A new server role to configure, manage, monitor, and troubleshoot virtual and physical network devices and services in the datacenter

Hyper-V Network virtualization: Programmable Hyper-V switch (a new building block of Microsoft's software-defined networking solution); VXLAN encapsulation support; Microsoft Software Load Balancer interoperability; better IEEE Ethernet standard compliance.



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