

# Microsoft Windows Server 2025 QuickSpecs

**Do your systems need a cloud-ready operating system to boost security, performance, and manage modern applications efficiently?**

Microsoft Windows Server 2025 offers a comprehensive solution to modernize your data center or cloud platform by unlocking hybrid cloud capabilities that maximize your technology investments.

# Microsoft Windows Server 2025

With the latest advancements, you can now upgrade to a Secured-core OS, providing multi-layered security from hardware to software. Windows Server 2025 introduces enhanced virtualization through Hyper-V, advanced containerization with native Kubernetes integration, and seamless management of workloads with Windows Admin Center. It also delivers significant improvements in storage performance and scalability through Storage Spaces Direct and advanced networking with Software-Defined Networking (SDN) capabilities. When paired with Hewlett Packard Enterprise servers, storage, and networking solutions, Windows Server 2025 empowers your infrastructure to achieve optimal efficiency, security, and productivity, enabling your business to reach new heights.

Today, most business owners face significant challenges in running their operations. Among the most pressing are maintaining robust security, ensuring infrastructure flexibility, and effectively integrating cloud resources. Microsoft Windows Server 2025 is specifically designed to address these challenges and empower your business for the future.

- **Hybrid capabilities with Microsoft Azure™:**

The cloud-ready operating system that boosts on-premises investments with hybrid capabilities¹.

- **Advanced multilayer security:**

Achieve end-to-end protection with Windows Server 2025's enhanced Secured-core OS, providing multi-layered security across hardware, firmware, and software, reducing attack surfaces, and ensuring data and app protection at every level of your business.

- **Remote working with enhanced security features:**

Empower workers through simplified deployment and management of remote apps and desktops.

- **Modernized server infrastructure:**

Transform infrastructure and applications with flexible solutions like software-defined storage and networking and a modern app platform.

- **AI-Enhanced Workflows:**

Windows Server 2025 introduces AI-driven automation and optimization, streamlining processes such as patch management, resource allocation, and workload balancing to maximize system efficiency and reduce operational costs.

Windows Server 2025 is the newest iteration of Microsoft's operating system, which has been the backbone for mission-critical business workloads for over 30 years. In this release, Microsoft advances its trusted security features, along with enhanced hybrid, multi-cloud, and edge capabilities. It also introduces unprecedented performance improvements designed to support the growing demands of machine learning and artificial intelligence workloads, ensuring businesses are prepared for the next generation of computing challenges. To simplify the support process, Hewlett Packard Enterprise delivers Microsoft Windows Server 2025 support for HPE Servers, see the support matrix at [Windows Server | HPE](#).

Hewlett Packard Enterprise offers Microsoft Windows Server 2025 OEM license products for the following editions:

- **Datacenter:** Ideal for companies of all sizes that have demanding IT workloads, require advanced storage, virtualization, and application deployment
- **Standard:** For businesses that need advanced features, support for distributed office locations, and require a flexible way to virtualize their environment
- **Essentials:** For small companies with basic IT needs purchasing a first server; likely small or no dedicated IT department.

## Overview

**Notes:**

- For more information on Hewlett Packard Enterprise's offering of Microsoft Windows Server 2025 products, go to: [Windows Server | HPE](#)
  - <sup>1</sup>Azure cloud services may require an Azure subscription.
- 

## What's New

Starting October 30, 2025 - HPE OEM Windows Server 2025 Base Licenses and Downgrades are now available in a streamlined and sustainable delivery format, offering customers enhanced convenience and ease of management. Instead of receiving a physical DVD, users can now download the Windows Server installation media directly from [My HPE Software Center](#) (MSC). Customers will still receive a physical Certificate of Authenticity (COA) label and documentation.

This modernized approach not only simplifies the user experience but also supports sustainability by eliminating the need for physical media, reducing waste, and minimizing environmental impact. By transitioning to digital delivery, HPE empowers users with faster access to their Operating System and a more efficient way to manage their licenses.

Therefore, HPE has expanded its licensing portfolio, introducing 18 new Electronic Software Delivery (ESD) SKUs:

- 10 new ESD SKUs for Windows Server 2025 Base Licenses.
- 8 new ESD SKUs supporting downgrade rights for Windows Server 2022 and Windows Server 2019.

**Notes:** The current HPE OEM Windows Server offering will remain unchanged. Physical (DVD) SKUs will continue to be available, and the new Digital Media option will coexist alongside the physical format until further notice.

### Windows Server 2025 features and enhancements:

#### Advanced, multilayered security

- Operate more securely and reliably. Windows Server 2025 offers enhanced identity and cryptography protection, guards against cyber-attacks, helps you stay compliant, and prepares you for future threats.
- Rebootless updates (Hotpatching): Easier patching with fewer restarts, so you can implement crucial security patches quickly with less downtime. (Included in Azure and Azure Stack HCI; available as add-on if Arc-enabled).
- Disrupt brute force authentication attacks with Server Messaging Block (SMB) security, including SMB signing capabilities and SMB authentication rate limiter.
- Enhanced identity management: Modern identity with next generation Active Directory: New domain controller increased from 8k DB to 32k DB page sizes. Performance and scale improvements. Kerberos for more scenarios.
- Hyper-V for Virtualization-Based Security (VBS): built-in hardware-based virtualization and isolation for platform security.
- Virtualization based security (VBS) enclaves, enable isolation of sensitive workloads from both the host application and the rest of the system – reducing the threat of malicious attackers. Virtualization-based security (VBS) key protection to protect cryptographic keys. With this new capability, keys can be protected from admin-level key theft attacks.

## Overview

- Prevent the lateral spread of attacks and internal attacks with software-defined networking and micro-segmentation implemented through network security groups.
- Secured-core servers: maximize hardware, firmware and OS capabilities to help protect against current and future threats.
- Secure your data in transit, with TLS 1.3 and SMB signing required by default for outbound and inbound connections in Windows Server 2025.
- SMB over QUIC is now available in all editions in Windows Server 2025.

## Cloud agility anywhere

- Adapt quickly and innovate anywhere. It's now easier to bridge on-premises and cloud-based servers and get the power of Azure delivered to your hybrid cloud environment with Azure Arc.
- Azure Arc setup– new user-friendly setup wizard feature makes connecting to Azure Arc easier and more intuitive, so you can start taking advantage of Azure Arc hybrid cloud and multi-cloud management features.
- Better, faster networking and unified network policy across locations: SDN Multisite: Native L2 and L3 connectivity, unified network policy. 30-50% performance improvements with lower CPU utilization.
- Secure, scalable and adaptive: Software defined networking (SDN) infrastructure for Hybrid. AKS – Hybrid AKS workloads can now be put on SDN networks for Windows Server.

## High-performance, future-ready infrastructure

- Windows Server 2025 offers GPU partitioning for AI and ML workloads, larger virtual machines and storage enhancements.
  - AI-Ready: GPU partitioning across VMs with live migration and failover clustering; built to support AI workloads and inferencing at the edge.
  - Increased scalability: Larger virtual machines now support 240 TB of RAM and support 2048 virtual processors.
  - Winget is installed by default, which is a command line Windows Package Manager tool that provides comprehensive package manager solutions for installing applications on Windows devices.
  - Storage improvements: Software-defined storage enhancements: ReFS (Resilient File System) optimized deduplication and compression (for active workloads like VMs). Storage replica compression is now available in all editions of Windows Server.
-

## Windows Server 2022 Downgrade options

### Important Message:

Microsoft has announced new policies regarding Silicon support for Windows Server operating system products, including those that are offered through 'downgrade' rights.

By placing a request for a Windows Server 2022 Downgrade kit, you confirm that your HPE Server meets the Microsoft processor requirements, the details of which can be found at the following link:

[Hardware requirements for Windows Server | Microsoft Learn](#)

Please note, for the deployed OS to be supported by Microsoft, your HPE Server must meet all processor requirements that are specified and listed for both the licensed product and the downgrade/down-edition (DG/DE) software. For clarity, if you purchased a Microsoft Windows Server 2025 and intend to downgrade to Windows Server 2022, your server must meet both the processor requirements for Microsoft Windows Server 2025 and 2022.

This requirement applies both to customers who have purchased the Windows Server OEM license directly from HPE or from an HPE Reseller or Partner. The Microsoft processor requirements are in addition to other hardware requirements for the Windows Server operating system products that are specified in the document located at: <https://learn.microsoft.com/en-us/windows-hardware/design/minimum/minimum-hardware-requirements-overview>.

Microsoft may update the processor requirements and the minimum hardware requirements for Windows Server operating system products as requirements change.

---

## Microsoft Hardware Specifications for Standard and Datacenter Editions

Unless otherwise specified, these minimum system requirements apply to both Standard and Datacenter editions.

---

### Processor

Processor performance depends not only on the clock frequency of the processor, but also on the number of processor cores and the size of the processor cache. The following are the processor requirements for this product:

#### Minimum:

- 1.4 GHz 64-bit processor
- Compatible with x64 instruction set
- Supports NX and DEP
- Supports CMPXCHG16b, LAHF/SAHF, and Prefetch
- Supports Second Level Address Translation (EPT or NPT)

Coreinfo at <https://technet.microsoft.com/sysinternals/cc835722.aspx> is a tool you can use to confirm which of these capabilities your CPU has.

---

## Standard Features

**Microsoft Hardware Specifications for Essentials (10 Core) Edition**

<b>Microsoft Windows Server 2025</b>	Essentials (10 Core)
<b>CPU</b>	Only 1 Processor with up to 10 cores
<b>Min. CPU Req.</b>	1.4 GHz x64
<b>X64 RAM STD/ Max</b>	Minimum: 2GB RAM / Recommended: 16GB
<b>ECC</b>	Yes
<b>NIC</b>	multiple NICs supported
<b>Internal optical bay drive allowed</b>	Yes
<b>Minimum OS Storage Footprint</b>	32GB
<b>SW RAID</b>	Yes
<b>Video</b>	Optional
<b>Keyboard, Mouse</b>	Optional

## RAM

The following are the estimated RAM requirements for this product:

**Minimum:**

- 512 MB (2 GB for server with Desktop Experience installation option)
- ECC (Error Correcting Code) type or similar technology, for physical host deployments

## Storage controller and disk space requirements

Computers that run Microsoft Windows Server 2025 must include a storage adapter that is compliant with the PCI Express architecture specification. Persistent storage devices on servers classified as hard disk drives must not be PATA. Windows Server 2019 does not allow ATA/PATA/IDE/EIDE for boot, page, or data drives.

The following are the estimated minimum disk space requirements for the system partition, assuming Server Core installation.

Minimum: 32GB

## Network adapter requirements

**Minimum:**

- An Ethernet adapter capable of at least gigabit throughput
- Compliant with the PCI Express architecture specification.

A network adapter that supports Pre-boot Execution Environment (PXE) is useful, but not a minimum requirement.

A network adapter that supports network debugging (KDNet) is useful, but not a minimum requirement.

## Standard Features

## Other requirements

**Computers running this release must also include the following:**

- DVD drive (if you intend to install the operating system from DVD media)

**The following items are not strictly required, but are necessary for certain features:**

- UEFI 2.3.1c-based system and firmware that supports secure boot
- Trusted Platform Module
- Graphics device and monitor capable of Super VGA (1024 x 768) or higher resolution
- Keyboard and Microsoft® mouse (or other compatible pointing device)
- Internet access (fees may apply)

For more details about Microsoft Windows Server 2025 System Requirements, visit:

[Get started with Windows Server | Microsoft Learn](#)

---

## HPE Integrated Lights Out (iLO)

HPE iLO Essentials is the preferred license for small and medium businesses that offer full remote server management capabilities via the Integrated Remote Console (IRC), virtual media, and e-mail-based alerts. HPE iLO Advanced licenses offer smart remote functionality without compromise, for all HPE Servers. The license includes the full integrated remote console, virtual keyboard, video, and mouse (KVM), multi-user collaboration, console record and replay, and GUI-based and scripted virtual media and virtual folders. You can also activate the enhanced security and power management functionality. Learn more about HPE iLO Advanced at <https://www.hpe.com/us/en/hpe-integrated-lights-out-ilo.html>

---

Standard Features

Windows Server 2025 Features			
Feature   Edition	Essentials	Standard	Datacenter
Target Audience	Small businesses	SMB	SMB/SMC-C/Enterprise
Intended use	Basic server functionality	General-purpose server	Advanced features for virtualization, storage and networking
Licensing Model	Prog-Based	Core-based	Core-based
Virtualization Rights	1 VM	2 VMs	Unlimited VMs
Storage Replica	No	Limited to 2TB	Unlimited
Shielded Virtual Machines	No	No	Yes
Software Defined Networking	No	No	Yes
Storage Spaces Direct	No	Limited	Unlimited
RAM	Up to 128GB	Up to 256TB	Up to 256TB
Logical Processors	Up to 1 CPU	Up to 2048 LPs	Up to 2048 LPs
Active Directory	Limited (Basic AD services)	Full functionality	Full functionality
Azure Hybrid Benefits	Available	Available	Available
Storage Migration Services	No	Yes	Yes
Azure Arc Integration	Optional, recommended	Optional, recommended	Optional, recommended
Azure Automanage	No	No	No
Hotpatch	No	With Azure Arc	With Azure Arc
Client Access Licenses (CALs)	Not required	Required	Required



## HPE Services

No matter where you are in your digital transformation journey, you can count on HPE Services to deliver the expertise you need when, where, and how you need it. From planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

<https://www.hpe.com/services>

---

## Consulting Services

No matter where you are in your journey to hybrid cloud, experts can help you map out your next steps. From determining what workloads should live where, to handling governance and compliance, to managing costs, our experts can help you optimize your operations.

<https://www.hpe.com/services/consulting>

---

## HPE Managed Services

HPE runs your IT operations, providing services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.

[HPE Managed Services | HPE](#)

---

## Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources. Meet service-level targets and business objectives with features designed to drive better business outcomes.

<https://www.hpe.com/services/operational>

---

## HPE Complete Care Service

HPE Complete Care Service is a modular, edge-to-cloud IT environment service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals through a personalized experience. All delivered by an assigned team of HPE Services experts. HPE Complete Care Service provides:

- A complete coverage approach – edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI driven customer experience

<https://www.hpe.com/services/completecure>

---

## Service and Support

## HPE Tech Care Service

HPE Tech Care Service is the operational support service experience for HPE products. The service goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Tech Care Service delivers a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Tech Care Service is available in three response levels. Basic, which provides 9x5 business hour availability and a 2-hour response time. Essential, which provides a 15-minute response time 24x7 for most enterprise level customers, and Critical, which includes a 6-hour repair commitment where available and outage management response for severity 1 incidents.

<https://www.hpe.com/services/techcare>

---

## HPE Lifecycle Services

HPE Lifecycle Services provide a variety of options to help maintain your HPE systems and solutions at all stages of the product lifecycle. A few popular examples include:

- Lifecycle Install and Startup Services: Various levels for physical installation and power on, remote access setup, installation and startup, and enhanced installation services with the operating system.
- HPE Firmware Update Analysis Service: Recommendations for firmware revision levels for selected HPE products, taking into account the relevant revision dependencies within your IT environment.
- HPE Firmware Update Implementation Service: Implementation of firmware updates for selected HPE server, storage, and solution products, taking into account the relevant revision dependencies within your IT environment.
- Implementation assistance services: Highly trained technical service specialists to assist you with a variety of activities, ranging from design, implementation, and platform deployment to consolidation, migration, project management, and onsite technical forums.
- HPE Service Credits: Access to prepaid services for flexibility to choose from a variety of specialized service activities, including assessments, performance maintenance reviews, firmware management, professional services, and operational best practices.

**Notes:** To review the list of Lifecycle Services available for your product, go to:

<https://www.hpe.com/services/lifecycle>

For a list of the most frequently purchased services using service credits, see the [HPE Service Credits Menu](#)

---

## Service and Support

## Other Related Services from HPE Services

### HPE Education Services

Training and certification designed for IT and business professionals across all industries. Broad catalogue of course offerings to expand skills and proficiencies in topics ranging from cloud and cybersecurity to AI and DevOps. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

<https://www.hpe.com/services/training>

### Defective Media Retention

An option available with HPE Complete Care Service and HPE Tech Care Service and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and service options.

### Parts and Materials

HPE will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product QuickSpecs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

### How to Purchase Services

Services are sold by Hewlett Packard Enterprise and Hewlett Packard Enterprise Authorized Service Partners:

- Services for customers purchasing from HPE or an enterprise reseller are quoted using HPE order configuration tools.
- Customers purchasing from a commercial reseller can find services at <https://ssc.hpe.com/portal/site/ssc/>

### AI-powered and Digitally Enabled Support Experience

Achieve faster time to resolution with access to product-specific resources and expertise through a digital and data driven customer experience

Sign into the HPE Support Center experience, featuring streamlined self-serve case creation and management capabilities with inline knowledge recommendations. You will also find personalized task alerts and powerful troubleshooting support through an intelligent virtual agent with seamless transition when needed to a live support agent.

<https://support.hpe.com/hpesc/public/home/signin>

---

## Consume IT On Your Terms

[HPE GreenLake](#) edge-to-cloud platform brings the cloud experience directly to your apps and data wherever they are—the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake edge-to-cloud platform accelerates digital transformation in a distributed, edge-to-cloud world.

- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

To learn more about HPE Services, please contact your Hewlett Packard Enterprise sales representative or Hewlett Packard Enterprise Authorized Channel Partner. Contact information for a representative in your area can be found at "Contact HPE" <https://www.hpe.com/us/en/contact-hpe.html>

For more information, visit: <http://www.hpe.com/services>

---

## Windows Server 2025 - Essentials

### NEW - Microsoft Windows Server 2025 1P (10 core) Essentials: Not Pre-Installed ESD – Electronic Software Delivery

**Notes:** All Essentials edition part numbers include a physical Certificate of Authenticity (COA). Installation Media can be downloaded directly from [My HPE Software Center](#). Sold only as a configurable option with an HPE Server purchase.

Language Code Key for S6L28B	
Microsoft Windows Server 2025 10-core Essentials FIO Not Pre-installed WW ESD LTU	S6L28B
Multilanguage	WW

### NEW - Microsoft Windows Server 2025 1P (10 core) Essentials: FIO Pre-installed ESD – Electronic Software Delivery

**Notes:** All Essentials edition part numbers include a physical Certificate of Authenticity (COA). Installation Media can be downloaded directly from [My HPE Software Center](#). Sold only as a configurable option with an HPE Server purchase.

Language Code Key for S6L28A	
Microsoft Windows Server 2025 10-core Essentials FIO Pre-installed UEFI Japanese ESD LTU	S6L28A
Japanese	APJ

### NEW - Microsoft Windows Server 2025 Essentials Edition 1P (10 Core): Reseller Option Kit (ROK) ESD – Electronic Software Delivery

**Notes:** Available for purchase from your local HPE authorized reseller. Essentials edition includes a physical Certificate of Authenticity (COA). Reseller must affix the COA to the server and may preinstall the OS before delivery of the server. Installation Media can be downloaded directly from [My HPE Software Center](#).

Language Code Key for S6L39A	
Microsoft Windows Server 2025 10-core Essentials Reseller Option Kit WW ESD LTU	S6L39A
Multilanguage	WW

## Configuration Information

**Microsoft Windows Server 2025 1P (10 core) Essentials: FIO Pre-installed UEFI**

**Notes:** All Essentials edition part numbers include x64 DVD media and Certificate of Authenticity (COA). Sold only as a configurable option with an HPE Server purchase.

**Language Code Key for P77099-xxx**

<b>Microsoft Windows Server 2025 10-core Essentials FIO Pre-installed UEFI Japanese SW</b>		<b>P77099-xxx</b>
xxx = 291	Japanese	APJ

**Microsoft Windows Server 2025 1P (10 Core) Essentials: Not Pre-Installed**

**Notes:** All Essentials edition part numbers include x64 DVD media and COA. Sold only as a configurable option with an HPE Server purchase.

**Language Code Key for P77098-xxx**

<b>Microsoft Windows Server 2025 10-core Essentials FIO Not Pre-installed</b>		<b>P77098-xxx</b>
xxx = B21	English, French, Italian, German, Spanish, Dutch, Portuguese	WW
xxx = AD1	Korean	APJ
xxx = 291	Japanese	APJ

**Microsoft Windows Server 2025 Essentials Edition 1P (10 Core): Reseller Option Kit (ROK)**

**Notes:** Available for purchase from your local HPE 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.

**Language Code Key for P77103-xxx**

<b>Microsoft Windows Server 2025 10-core Essentials Reseller Option Kit</b>		<b>P77103-xxx</b>
xxx = A21	English, French, Italian, German, Spanish, Dutch, Portuguese	EMEA
xxx = 021	English, Czech, Polish, Russian, Swedish	EMEA
xxx = 371	English, Korean	APJ
xxx = AA1	Chinese Simplified	APJ
xxx = AB1	Chinese Traditional	APJ
xxx = 291	Japanese	APJ
xxx = DN1	English, French, Spanish, Brazilian Portuguese	AMS

Windows Server 2025 – Standard

NEW - Microsoft Windows Server 2025 Standard Edition 16 Core: Pre-Installed ESD – Electronic Software Delivery

**Notes:** Includes a physical Certificate of Authenticity (COA). Installation Media can be downloaded directly from [My HPE Software Center](#). Sold only as a configurable option with an HPE Server purchase.

Standard edition provides rights for up to two virtualized Operating System instances (VMs) or Hyper-V containers when all physical processor cores in the server are licensed. For every two additional VMs, all the cores in the server must be licensed again. Additional licenses for Microsoft Windows Server 2025 Standard are available in packs of two, four, and sixteen cores.

Language Code Key			
Microsoft Windows Server 2025 16-core Standard FIO Pre-installed UEFI WW ESD LTU	S6K30A	Multilanguage	WW
Microsoft Windows Server 2025 16-core Standard FIO Pre-installed Japanese ESD LTU	S6N30A	Japanese	APJ

NEW - Microsoft Windows Server 2025 Standard Edition 16 Core: Not Pre-Installed (NPI) ESD – Electronic Software Delivery

**Notes:** Includes a physical Certificate of Authenticity (COA). Installation Media can be downloaded directly from [My HPE Software Center](#). Sold only as a configurable option with an HPE Server purchase.

Standard edition provides rights for up to two virtualized Operating System instances (VMs) or Hyper-V containers when all physical processor cores in the server are licensed. For every two additional VMs, all the cores in the server have to be licensed again. Additional licenses for Microsoft Windows Server 2025 Standard are available in packs of two, four, and sixteen cores.

Language Code Key for S6K30B	
Microsoft Windows Server 2025 16-core Standard FIO Not Pre-installed WW ESD LTU	S6K30B
Multilanguage	WW

## NEW - Microsoft Windows Server 2025 Standard Edition 16 Core: Reseller Option Kit (ROK) ESD – Electronic Software Delivery

**Notes:** Available for purchase from your local Hewlett Packard Enterprise Authorized Reseller. Standard edition includes a physical Certificate of Authenticity (COA). Installation Media can be downloaded directly from [My HPE Software Center](#). Reseller must affix the COA to the server and may preinstall the OS before delivery of the server. Standard edition provides rights for up to two virtualized Operating System instances (VMs) or Hyper-V containers when all physical processor cores in the server are licensed. For every two additional VMs, all the cores in the server have to be licensed again. Additional licenses for Microsoft Windows Server 2025 Standard are available in packs of two, four, and sixteen cores.

### Language Code Key for S6L38A

Microsoft Windows Server 2025 16-core Standard Reseller Option Kit WW ESD LTU	S6L38A
Multilanguage	WW

## Microsoft Windows Server 2025 Standard Edition 16 Core: Pre-Installed

**Notes:** Include x64 DVD media and COA. Sold only as a configurable option with an HPE Server purchase. Standard edition provides rights for up to two virtualized Operating System instances (VMs) or Hyper-V containers when all physical processor cores in the server are licensed. For every two additional VMs, all the cores in the server must be licensed again. Additional licenses for Microsoft Windows Server 2025 Standard are available in packs of two, four, and sixteen cores.

### Language Code Key for P77096-xxx

Microsoft Windows Server 2025 16-core Standard FIO Pre-installed UEFI	P77096-xxx
xxx = B21	English, French, Italian, German, Spanish, Dutch, Portuguese
xxx = 291	Japanese

## Microsoft Windows Server 2025 Standard Edition 16 Core: Not Pre-Installed (NPI)

### Notes:

- Include x64 DVD media and COA. Sold only as a configurable option with an HPE Server purchase.
- Standard edition provides rights for up to two virtualized Operating System instances (VMs) or Hyper-V containers when all physical processor cores in the server are licensed. For every two additional VMs, all the cores in the server have to be licensed again. Additional licenses for Microsoft Windows Server 2025 Standard are available in packs of two, four, and sixteen cores.

### Language Code Key for P77095-xxx

Microsoft Windows Server 2025 16-core Standard FIO Not Pre-installed	P77095-xxx
xxx = B21	English, French, Italian, German, Spanish, Dutch, Portuguese
xxx = 291	Japanese



# Microsoft Windows Server 2025 Standard Edition 16 Core: Reseller Option Kit (ROK)

**Notes:**

- 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.
- Standard edition provides rights for up to two virtualized Operating System instances (VMs) or Hyper-V containers when all physical processor cores in the server are licensed. For every two additional VMs, all the cores in the server have to be licensed again. Additional licenses for Microsoft Windows Server 2025 Standard are available in packs of two, four, and sixteen cores.

Language Code Key for P77100xxx		
Microsoft Windows Server 2025 16-core Standard Reseller Option Kit		P77100-xxx
xxx = A21	English, French, Italian, German, Spanish, Dutch, Portuguese	EMEA
xxx = 021	English, Czech, Polish, Russian, Swedish	EMEA
xxx = 371	English, Korean	APJ
xxx= 291	Japanese	APJ
xxx = AA1	Chinese Simplified	APJ
xxx = AB1	Chinese Traditional	APJ
xxx = DN1	English, French, Spanish, Brazilian Portuguese	AMS

## Configuration Information

## Microsoft Windows Server 2025 Standard Edition Additional License

### Notes:

- Standard Additional Licenses include 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.
- Can be sold with or without an HPE Server – After Point of Sale (APOS).
- End Users can reassign Windows Server Standard Additional licenses to another server that has a Microsoft Windows Server 2025 Standard base license.

Language Code Key for P77106-xxx		
Microsoft Windows Server 2025 2-core Standard Additional License		P77106-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW
xxx = AA1	Chinese Simplified	APJ
xxx = AB1	Chinese Traditional	APJ
Language Code Key for P77105-xxx		
Microsoft Windows Server 2025 4-core Standard Additional License		P77105-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW
Language Code Key for P77104-xxx		
Microsoft Windows Server 2025 16-core Standard Additional License		P77104-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW

## Windows Server 2025 – Datacenter

### NEW - Microsoft Windows Server 2025 Datacenter Edition 16 Core: Not Pre-Installed (NPI) ESD – Electronic Software Delivery

**Notes:** Includes a physical Certificate of Authenticity (COA). Installation Media can be downloaded directly from [My HPE Software Center](#). Sold only as a configurable option with an HPE Server purchase.

Datacenter edition permits unlimited virtualized Operating System instances (VMs) and Hyper-V containers on a server when all physical cores in the server are licensed. Additional Licenses for Microsoft Windows Server 2025 Datacenter are available in packs of two, four, and sixteen cores.

Language Code Key for S6L35B	
Microsoft Windows Server 2025 16-core Datacenter FIO Not Pre-installed WW ESD LTU	S6L35B
Multilanguage	WW

### NEW -Microsoft Windows Server 2025 Datacenter Edition 16 Core: Reseller Option Kit (ROK) ESD – Electronic Software Delivery

**Notes:** Available for purchase from your local Hewlett Packard Enterprise Authorized reseller. Datacenter edition includes a physical Certificate of Authenticity (COA). Installation Media can be downloaded directly from [My HPE Software Center](#). Reseller must affix the COA to the server and may preinstall the OS before delivery of the server to the end-customer.

Datacenter edition permits unlimited virtualized Operating System instances (VMs) and Hyper-V containers on a server when all physical cores in the server are licensed. Additional Licenses for Microsoft Windows Server 2025 Datacenter are available in packs of two, four, and sixteen cores.

Language Code Key for S6L36A	
Microsoft Windows Server 2025 16-core Datacenter Reseller Option Kit WW ESD LTU	S6L36A
Multilanguage	WW

**NEW - Microsoft Windows Server 2025 Datacenter Edition 16 Core - with Reassignment Rights**

**Reseller Option Kit (ROK) ESD – Electronic Software Delivery**

**Notes:**

- Available for purchase from your local Hewlett Packard Enterprise Authorized reseller. Datacenter edition includes a physical Certificate of Authenticity (COA) affixed to a license card. Installation Media can be downloaded directly from [My HPE Software Center](#). Reseller may preinstall the OS before delivery of the server to the end-customer.
- Datacenter edition permits unlimited virtualized Operating System instances (VMs) and Hyper-V containers on a server when all physical cores in the server are licensed. Additional Licenses for Microsoft Windows Server 2025 Datacenter are available in packs of two, four, and sixteen cores.

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.

Language Code Key for S6L37A	
Microsoft Windows Server 2025 16-core Datacenter Reassignment Reseller Option Kit WW ESD LTU	S6L37A
Multilanguage	WW

## Configuration Information

## Microsoft Windows Server 2025 Datacenter Edition 16 Core: Not Pre-Installed (NPI)

### Notes:

- Include x64 DVD media and COA. Sold only as a configurable option with an HPE Server purchase.
- Datacenter edition permits unlimited virtualized Operating System instances (VMs) and Hyper-V containers on a server when all physical cores in the server are licensed. Additional Licenses for Microsoft Windows Server 2025 Datacenter are available in packs of two, four, and sixteen cores.

Language Code Key for P77097-xxx		
Microsoft Windows Server 2025 16-core Datacenter FIO Not Pre-installed		P77097-xxx
xxx = B21	English, French, Italian, German, Spanish, Dutch, Portuguese	WW
xxx = 291	Japanese	APJ

## Microsoft Windows Server 2025 Datacenter Edition 16 Core: Reseller Option Kit (ROK)

### Notes:

- Available for purchase from 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.
- Datacenter edition permits unlimited virtualized Operating System instances (VMs) and Hyper-V containers on a server when all physical cores in the server are licensed. Additional Licenses for Microsoft Windows Server 2025 Datacenter are available in packs of two, four, and sixteen cores.

Language Code Key for P77101-xxx		
Microsoft Windows Server 2025 16-core Datacenter Reseller Option Kit		P77101-xxx
xxx = A21	English, French, Italian, German, Spanish, Dutch, Portuguese	EMEA
xxx = 021	English, Czech, Polish, Russian, Swedish	EMEA
xxx = 371	English, Korean	APJ
xxx = 291	Japanese	APJ
xxx = AA1	Chinese Simplified	APJ
xxx = AB1	Chinese Traditional	APJ
xxx = DN1	English, French, Spanish, Brazilian Portuguese	AMS

## Microsoft Windows Server 2025 Datacenter Edition 16 Core - with Reassignment Rights

### Reseller Option Kit (ROK)

#### Notes:

- Available for purchase from your local Hewlett Packard Enterprise Authorized reseller. Datacenter edition includes x64 DVD media and COA affixed to a license card. Reseller may preinstall the OS before delivery of the server to the end-customer.
- Datacenter edition permits unlimited virtualized Operating System instances (VMs) and Hyper-V containers on a server when all physical cores in the server are licensed. Additional Licenses for Microsoft Windows Server 2025 Datacenter are available in packs of two, four, and sixteen cores.
- 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.

Language Code Key for P77102-xxx		
Microsoft Windows Server 2025 16-core Datacenter Reassignment Reseller Option Kit		P77102-xxx
xxx = B21	English, French, German, Spanish	EMEA
xxx = 291	Japanese	APJ

## Microsoft Windows Server 2025 Datacenter Edition Additional License

**Notes:** Datacenter Additional Licenses include 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 an HPE Server purchase.

Language Code Key for P77109-xxx		
Microsoft Windows Server 2025 2-core Datacenter Additional License		P77109-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW
Language Code Key for P77108-xxx		
Microsoft Windows Server 2025 4-core Datacenter Additional License		P77108-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW
Language Code Key for P77107-xxx		
Microsoft Windows Server 2025 16-core Datacenter Additional License		P77107-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW

## Windows Server 2025 – CALs (Client Access Licenses)

### Microsoft Windows Server 2025 - Remote Desktop Services: DEVICES

**Notes:**

- Sold from Hewlett Packard Enterprise and authorized resellers with or without an HPE Server.
- Use of Remote Desktop Services requires a Windows Server CAL and an RDS CAL for each user or device.

#### Language Code Key for P77119-xxx

Microsoft Windows Server 2025 Remote Desktop Service 1 Device CAL		P77119-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW

#### Language Code Key for P77121-xxx

Microsoft Windows Server 2025 Remote Desktop Service 5 Devices CAL		P77121-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW

#### Language Code Key for P77123-xxx

Microsoft Windows Server 2025 Remote Desktop Service 50 Devices CAL		P77123-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW

## Configuration Information

**Microsoft Windows Server 2025 - Remote Desktop Services: USERS****Notes:**

- Sold from Hewlett Packard Enterprise and authorized resellers with or without an HPE Server.
- Use of Remote Desktop Services requires a Windows Server CAL and an RDS CAL for each user or device.

Language Code Key for P77118-xxx		
Microsoft Windows Server 2025 Remote Desktop Service 1 User CAL		P77118-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW

Language Code Key for P77120-xxx		
Microsoft Windows Server 2025 Remote Desktop Service 5 Users CAL		P77120-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW

Language Code Key for P77122-xxx		
Microsoft Windows Server 2025 Remote Desktop Service 50 Users CAL		P77122-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW

**Microsoft Windows Server 2025 50 User CAL**

**Notes:** Sold from Hewlett Packard Enterprise and authorized resellers with or without an HPE Server.

Language Code Key for P77116-xxx		
Microsoft Windows Server 2025 50 Users CAL		P77116-xxx
xxx = B21	English, French, Italian, German, Spanish, Japanese	WW

**Microsoft Windows Server 2025 50 Device CAL**

**Notes:** Sold from Hewlett Packard Enterprise and authorized resellers with or without an HPE Server.

Language Code Key for P77117-xxx		
Microsoft Windows Server 2025 50 Devices CAL		P77117-xxx
xxx = B21	English, French, Italian, German, Spanish, Japanese	WW

**Microsoft Windows Server 2025 10 User CAL**

**Notes:** Sold from Hewlett Packard Enterprise and authorized resellers with or without an HPE Server.

Language Code Key for P77114-xxx		
Microsoft Windows Server 2025 10 Users CAL		P77114-xxx
xxx = B21	English, French, Italian, German, Spanish, Japanese	WW



## Microsoft Windows Server 2025 10 Device CAL

**Notes:** Sold from Hewlett Packard Enterprise and authorized resellers with or without an HPE Server.

Language Code Key for P77115-xxx		
Microsoft Windows Server 2025 10 Devices CAL		P77115-xxx
xxx = B21	English, French, Italian, German, Spanish, Japanese	WW

## Microsoft Windows Server 2025 5 User CAL

**Notes:** Sold from Hewlett Packard Enterprise and authorized resellers with or without an HPE Server.

Language Code Key for P77112-xxx		
Microsoft Windows Server 2025 5 User CAL		P77112-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW
xxx = AA1	Chinese Simplified	APJ
xxx = AB1	Chinese Traditional	APJ

## Microsoft Windows Server 2025 5 Device CAL

**Notes:** Sold from Hewlett Packard Enterprise and authorized resellers with or without an HPE Server.

Language Code Key for P77113-xxx		
Microsoft Windows Server 2025 5 Devices CAL		P77113-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW

## Microsoft Windows Server 2025 1 User CAL

**Notes:** Sold from Hewlett Packard Enterprise and authorized resellers with or without an HPE Server.

Language Code Key for P77110-xxx		
Microsoft Windows Server 2025 1 User CAL		P77110-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW
xxx = AA1	Chinese Simplified	APJ

## Microsoft Windows Server 2025 1 Device CAL

**Notes:** Sold from Hewlett Packard Enterprise and authorized resellers with or without an HPE Server.

Language Code Key for P77111-xxx		
Microsoft Windows Server 2025 1 Device CAL		P77111-xxx
xxx = B21	English, Czech, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Korean, Japanese, Brazilian Portuguese	WW

## Windows Server 2022 – DGs (Downgrades)

### NEW - Downgrade Windows Server 2022 Standard Edition Not Pre-Installed ESD – Electronic Software Delivery

**Notes:** Only available when purchasing Microsoft Windows Server 2025 ESD (Digital Media) Base License with a Hewlett Packard Enterprise server.

Language Code Key for S6L43A		
Microsoft Windows Server 2022 Downgrade Standard FIO Not Pre-installed WW ESD LTU		S6L43A
Multilanguage		WW

### NEW - Downgrade Windows Server 2022 Datacenter Edition Not Pre-Installed ESD – Electronic Software Delivery

**Notes:** Only available when purchasing Microsoft Windows Server 2025 ESD (Digital Media) Base License with a Hewlett Packard Enterprise server.

Language Code Key for S6L48A		
Microsoft Windows Server 2022 Downgrade Datacenter FIO Not Pre-installed WW ESD LTU		S6L48A
Multilanguage		WW

### New - Downgrade Windows Server 2022 Standard Edition Reseller Option Kit ESD – Electronic Software Delivery

**Notes:** Available for purchase from your local Hewlett Packard Enterprise authorized reseller only when purchasing Microsoft Windows Server 2025 ESD (Digital Media) Base License with a Hewlett Packard Enterprise server.

Language Code Key for S6L41A		
Microsoft Windows Server 2022 Downgrade Standard Reseller Option Kit Japanese ESD LTU		S6L41A
Japanese		APJ

## New - Downgrade Windows Server 2022 Datacenter Edition Reseller Option Kit ESD – Electronic Software Delivery

**Notes:** Available for purchase from your local Hewlett Packard Enterprise authorized reseller only when purchasing Microsoft Windows Server 2025 ESD (Digital Media) Base License with a Hewlett Packard Enterprise server.

Language Code Key for S6L42A		
Microsoft Windows Server 2022 Downgrade Standard Reseller Option Kit Japanese ESD LTU		S6L42A
Japanese		APJ

## Downgrade Windows Server 2022 Standard Edition Not Pre-Installed

**Notes:** Only available when purchasing Microsoft Windows Server 2025 with a Hewlett Packard Enterprise server.

Language Code Key for P77124-xxx		
Microsoft Windows Server 2022 Downgrade Standard FIO Not Pre-installed		P77124-xxx
xxx = B21	English	WW
xxx = 291	Japanese	APJ

## Downgrade Windows Server 2022 Standard Edition Reseller Option Kit

**Notes:** Available for purchase from your local Hewlett Packard Enterprise authorized reseller only when purchasing Microsoft Windows Server 2025 with a Hewlett Packard Enterprise server.

Language Code Key for P77126-xxx		
Microsoft Windows Server 2022 Standard Downgrade Kit ROK		P77126-xxx
xxx = 291	Japanese	APJ

## Downgrade Windows Server 2022 Datacenter Edition Not Pre-Installed

**Notes:** Only available when purchasing Microsoft Windows Server 2025 with a Hewlett Packard Enterprise server.

Language Code Key for P77125-xxx		
Microsoft Windows Server 2022 Datacenter Downgrade Kit FIO Not Pre-installed		P77125-xxx
xxx = B21	English	WW
xxx = 291	Japanese	APJ

## Downgrade Windows Server 2022 Datacenter Edition Reseller Option Kit

**Notes:** Available for purchase from your local Hewlett Packard Enterprise authorized reseller only when purchasing Microsoft Windows Server 2025 with a Hewlett Packard Enterprise server.

### Language Code Key for P77127-xxx

<b>Microsoft Windows Server 2022 Datacenter Downgrade Kit ROK</b>		<b>P77127-xxx</b>
xxx = 291	Japanese	APJ

## Windows Server 2019 – DGs (Downgrades)

### NEW - Downgrade Windows Server 2019 Standard Edition Not Pre-Installed

#### ESD – Electronic Software Delivery

**Notes:** Only available when purchasing Microsoft Windows Server 2025 ESD (Digital Media) Base License with a Hewlett Packard Enterprise server.

### Language Code Key for S6L46A

<b>Microsoft Windows Server 2019 Downgrade Standard FIO Not Pre-installed WW ESD LTU</b>		<b>S6L46A</b>
Multilanguage		WW

### NEW - Downgrade Windows Server 2019 Datacenter Edition Not Pre-Installed

#### ESD – Electronic Software Delivery

**Notes:** Only available when purchasing Microsoft Windows Server 2025 ESD (Digital Media) Base License with a Hewlett Packard Enterprise server.

### Language Code Key for S6L47A

<b>Microsoft Windows Server 2019 Downgrade Datacenter FIO Not Pre-installed WW ESD LTU</b>		<b>S6L47A</b>
Multilanguage		WW

### New - Downgrade Windows Server 2019 Standard Edition Reseller Option Kit

#### ESD – Electronic Software Delivery

**Notes:** Available for purchase from your local Hewlett Packard Enterprise authorized reseller only when purchasing Microsoft Windows Server 2025 ESD (Digital Media) Base License with a Hewlett Packard Enterprise server.

### Language Code Key for S6L44A

<b>Microsoft Windows Server 2019 Downgrade Standard Reseller Option Kit Japanese ESD LTU</b>		<b>S6L44A</b>
Japanese		APJ

## Configuration Information

## New - Downgrade Windows Server 2019 Datacenter Edition Reseller Option Kit ESD – Electronic Software Delivery

**Notes:** Available for purchase from your local Hewlett Packard Enterprise authorized reseller only when purchasing Microsoft Windows Server 2025 ESD (Digital Media) Base License with a Hewlett Packard Enterprise server.

### Language Code Key for S6L45A

Microsoft Windows Server 2019 Downgrade Datacenter Reseller Option Kit Japanese ESD LTU		S6L45A
Japanese		APJ

## Downgrade Microsoft Windows Server 2019 Standard Edition Not Pre-Installed

**Notes:** Only available when purchasing Microsoft Windows Server 2025 physical Base License with a Hewlett Packard Enterprise server.

### Language Code Key for P45862-xxx

Microsoft Windows Server 2019 Standard Downgrade Kit FIO Not Pre-installed		P45862-xxx
xxx = B21	English	WW
xxx = 291	Japanese	APJ
xxx = 051	French	AMS and EMEA
xxx = 061	Italian	EMEA
xxx = 041	German	EMEA
xxx = 071	Spanish	AMS and EMEA

## Downgrade Microsoft Windows Server 2019 Standard Edition Reseller Option Kit

**Notes:** Available for purchase from your local Hewlett Packard Enterprise authorized reseller only when purchasing Microsoft Windows Server 2025 physical Base License with a Hewlett Packard Enterprise server.

### Language Code Key for P45863-xxx

Microsoft Windows Server 2019 Standard Downgrade Kit ROK		P45863-xxx
xxx = 291	Japanese	APJ

## Configuration Information

## Downgrade Microsoft Windows Server 2019 Datacenter Edition Not Pre-Installed

**Notes:** Only available when purchasing Microsoft Windows Server 2025 physical Base License with a Hewlett Packard Enterprise server.

### Language Code Key for P45879-xxx

Microsoft Windows Server 2019 Datacenter Downgrade Kit FIO Not Pre-installed		P45879-xxx
xxx = B21	English	WW
xxx = 041	German	EMEA
xxx = 051	French	AMS and EMEA
xxx = 061	Italian	EMEA
xxx = 071	Spanish	AMS and EMEA
xxx = 291	Japanese	APJ

## Downgrade Microsoft Windows Server 2019 Datacenter Edition Reseller Option Kit

**Notes:** Available for purchase from your local Hewlett Packard Enterprise authorized reseller only when purchasing Microsoft Windows Server 2025 physical Base License with a Hewlett Packard Enterprise server.

### Language Code Key for P45880-xxx

Microsoft Windows Server 2019 Datacenter Downgrade Kit ROK		P45880-xxx
xxx = 291	Japanese	APJ

## Configuration Information

## CONFIDENTIAL

Reseller License for Microsoft Server Reseller Option Kit (ROK) Software

02-09-2021 v12.0

RESELLER LICENSE FOR MICROSOFT SERVER RESELLER OPTION KIT (ROK)  
SOFTWARE

This is a license agreement ("License") between you and the Manufacturer that provided you with the Software. Please read this License carefully. This Pack contains a copy of the Software. By accepting this License, you are authorized to distribute the Software contained in this Pack subject to your ongoing compliance with this License.

BY ACCEPTING THIS LICENSE, OPENING THE PACK, OR USING THE SOFTWARE, YOU AGREE TO BE BOUND BY THE TERMS AND CONDITIONS OF THIS LICENSE. If you do not accept and comply with the terms of this License, you may not use the Software and should then promptly return the unopened Pack to your distributor or Manufacturer. In order to be entitled to distribute the Software as set forth herein, you hereby acknowledge and agree that you are a Reseller as defined herein.

**1. Definitions**

"Base License" means the corresponding edition and version of the Software for a Microsoft product labeled "additional license". For example; "Windows Server 2022 Standard ROK" is the Base License for "Windows Server 2022 Standard Additional License ROK".

"CAL" means a client access license.

"COA" means a Certificate of Authenticity.

"End User" means a person, company or other legal entity that acquires a Server for use of the Software in accordance with the applicable License Terms.

"Laws" means any and all applicable international, national, and local laws (including regulations and binding judicial law) as amended, extended, repealed, and replaced, or re-enacted.

"License Terms" means the applicable End User license terms for the Software.

"Manufacturer" means the computer system manufacturer identified on the Pack.

"Pack" means this package of Microsoft Software (not all Packs contain software).

"Partition" means each physical or logical allocation of at least: the CPUs, input/outputs, and memory resources into independent units, such that each unit is capable of running an instance of the Software.

"Partitioned Server" means a Server that contains Partitions.

"Processor" means a central processing unit (CPU), including dual core and multi-core processors.

"Processor Requirements" means the document posted at <https://go.microsoft.com/fwlink/?linkid=847781> (or updated URL).

"Reseller" is an entity or person authorized by accepting this License to handle, preinstall, and distribute the Software on Manufacturer's Servers.

## Configuration Information

“Server” means a Manufacturer’s fully assembled server, which must include a motherboard, memory and a CPU, all of which must meet the minimum requirements for the Software, and any additional requirements in this License.

“Software” means a copy of the Microsoft product listed on the Pack, along with any associated components and documentation, media, COA, and End User documentation.

“Storage Server” means a Manufacturer’s fully assembled Server, which is designed and distributed by a Reseller who accepts this License, for use without a monitor, keyboard or mouse, and must not be designed for use as a substitute for a general purpose computing device.

Authorized Distribution and Acceptance of this License. Please read this License carefully. This Pack contains a copy of the Software. By accepting this License, you are authorized to distribute the Software contained in this Pack subject to your ongoing compliance with this License.

BY ACCEPTING THIS LICENSE, OPENING THE PACK, OR USING THE SOFTWARE, YOU AGREE TO BE BOUND BY THE TERMS AND CONDITIONS OF THIS LICENSE. If you do not accept and comply with the terms of this License, you may not use the Software and should then promptly return the unopened Pack to your distributor or Manufacturer. In order to be entitled to participate in the ROK program and to the right to distribute the Software as set forth herein, you hereby acknowledge and agree that you are a Reseller as defined herein.

**2. Limited License.** Subject to your compliance with the terms of this License, Manufacturer hereby grants you the following license and distribution rights:

(a) For each unit of Software, Manufacturer grants you a non-exclusive, limited license to distribute and sublicense the Software subject to your compliance with the following additional conditions:

- (1) You must distribute the Software to an End User together with the Server.
- (2) In accordance with any instructions provided by the Manufacturer, you may:
  - (i) preinstall the Software on a Server. You must preinstall the Software only at locations you own or lease and control. Information on using available tools and options for preinstallation are provided in the Windows ADK on <http://www.microsoft.com>; or
  - (ii) include one copy of the Software on external media in the Server package.

(b) Except as otherwise permitted in this License, you may not use, run, copy, modify, display, repackage, or reassemble the Software or any part of it. You may not reverse engineer, decompile, or disassemble all or any part of the Software, except to the extent expressly permitted by this License or law. All rights not expressly granted herein are reserved. This License is not part of the Software and you may not distribute this License.

**3. Software Distribution**

(a) License Terms. You may distribute and sublicense the Software to End Users only under the License Terms that accompany it. Before delivering the Server to the End User, you must ensure that the “sysprep/oobe/shutdown” function is run, to enable the End User to accept the License Terms. You are responsible for ensuring that each End User accepts the License Terms in a manner that is legally binding upon the End User. You may not accept the License Terms on behalf of the End User. Under the License Terms, the Manufacturer is the licensor of the Software.



## Configuration Information

- (b) COA. If the Software contains a COA provided as a label on a COA card, you must affix the COA to the outside of the Server in an easily accessible location before distribution. If applicable, the COA, must be distributed together with the Software and Server to the End User.
- (c) Processor Versions and Requirements. The Server which is distributed with the Software may not have a Processor version of the Software which includes more Processors than the highest number of Processors listed on the COA. This applies to each partition of a Partitioned Server. If the Software in the Pack is licensed per Processor, you must distribute a number of licenses equal to or greater than the number of Processors in the Server, including any Processors in a partition where the Software will be run.
- (d) Additional Processor Requirements for Windows Server Products. You may only distribute the Software with a Server that meets the Processor Requirements for the Software.
- (e) Hardware Requirements for Windows Server Operating Systems Products. All Servers that include the Software must meet the hardware requirements for the Software as specified in the document located at [https://msdn.microsoft.com/library/windows/hardware/dn915086\(v=vs.85\).aspx](https://msdn.microsoft.com/library/windows/hardware/dn915086(v=vs.85).aspx) (or updated URL) ("Minimum Hardware Requirements").
- (f) Client Access Licenses (CAL). You may distribute CALs with the Software and Server to the End User, or separate from the Software and Server but only to End Users to whom you have previously shipped the Server and Software for which the CAL is intended.
- (g) Additional Licenses. Software labeled "additional license", if available, only includes a COA, and no unit of Software or product key. Additional licenses may only be distributed inside the Server package with the corresponding Base License.
- (h) Language Restrictions. If the Software contains language version restrictions, you must notify End Users before distributing the Software to any End User.
- (i) Geographical Restrictions. You must follow any geographical distribution restrictions or requirements contained in the Software.
- (j) Third Party Beneficiary. By distributing the Software, you agree that Microsoft Corporation (or its licensing subsidiaries), is an intended third-party beneficiary with rights to enforce rights and duties under this License.
- (k) Additional Server Requirements. A Server must be marketed and distributed as a general purpose server for use by End Users. A "general purpose server" is a Server that provides general production use functionality to End Users, including file/print services, support for line of business applications, database, messaging, networking, etc. A general purpose server is not a Server that is distributed for purposes of marketing and distributing applications to End Users.

#### 4. Software Specific Terms

- (a) Important Validation Behavior for Server Software. Use of certain Software in the Pack validates specific User Account and Active Directory configurations required by the License Terms, and continued non-compliance may result in warnings and Server shutdown. You must provide the following or substantially similar notice in a clear and conspicuous manner to End Users prior to distributing the Software to any End User:

## Configuration Information

"Certain Microsoft® server technologies included with this server may limit the number of allowed user accounts and/or require certain Active Directory and domain configurations. If not properly configured, the software will generate warnings that will alert you about 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 stop once the configuration is corrected. For more information about these features, please review the product-specific documentation located on <http://www.microsoft.com>."

You shall defend Microsoft and its subsidiaries and affiliates, and pay the amount of any final adverse judgment (or settlement to which you consent) arising from third party claims or demands resulting from your failure to provide the notice as required above.

**5. Disclaimer Of All Warranties.** The Software is licensed "as-is." You bear the risk of using and distributing the Software. Unless required by law, Microsoft and Manufacturer give no express warranties, guarantees or conditions. To the extent permitted under Laws, Microsoft and Manufacturer exclude the implied warranties or conditions of merchantability, fitness for a particular purpose and non-infringement.

**6. Limitation Of Liability And Remedies.** The entire liability of Microsoft, the Manufacturer and any of their suppliers under any provision of this License, and your exclusive remedy hereunder will be limited to the greater of the amount that you actually paid for the Pack or USD \$5.00. Microsoft and Manufacturer disclaim all liability for lost profits, indirect, consequential, incidental, economic, special or punitive damages. The limitations in this section apply to the Software, and claims for breach of contract, breach of warranty or condition, strict liability or negligence or other tort. The limitations also apply even if you are not fully compensated for any losses, or Microsoft and/or Manufacturer knew or should have known about the possibility of damages. You also release Microsoft, Manufacturer and any of their suppliers from all liability in excess of the limits in this section. This release includes any claim for indemnification or contribution even if such claims arise under local law. The limitations in this section do not apply to your breach of Microsoft intellectual property rights.

**7. Business Integrity Principles.**

(a) **Compliance with Laws.** You will conduct your business activities under this License in full compliance with all Laws. Without limiting the foregoing, you will:

- (1) comply with all domestic and international export Laws that apply to the Software. These Laws include restrictions on destinations, End Users and end use. For additional information, see <http://www.microsoft.com/exporting>. The Software in this Pack is subject to U.S. and international export Laws.
- (2) comply with Laws that govern the rights to and protection of Manufacturer or Microsoft's copyrights, trademarks, patents, trade secrets, and other forms of intellectual property;
- (3) comply with Laws that govern labor practices, human rights, and health and safety; and
- (4) obtain and maintain any required local government approvals, at your own expense.

(b) **Privacy and Data Security.** You will comply with Data Protection Laws (as defined herein and as applicable). Without limiting the foregoing, you will:

- (1) Not use or share Personal Data received from the other party (or its customers) for any purpose for which it has not obtained consent;

## Configuration Information

- (2) establish independent procedures for managing and responding to any communication from a customer seeking to exercise its rights under Data Protection Laws;
- (3) provide reasonable assistance to the other in responding to any requests, investigation, consultation, or claims from a customer, regulator, or supervisory authority concerning Data Protection Law;
- (4) take appropriate security measures that are required by Data Protection Laws, and in accordance with good industry practice relating to data security; and
- (5) refrain from transmitting unsolicited commercial communications in any manner that would violate applicable Laws.

(c) Business Conduct. You will conduct your business activities with integrity, and in full compliance with all applicable Laws relating to business conduct. Without limiting the foregoing, you will:

- (1) comply with anti-corruption Laws, such as the U.S. Foreign Corrupt Practices Act, and other Laws prohibiting bribery, corruption, inaccurate books and records, inadequate internal controls, and money-laundering;
- (2) ensure that none of your representatives, directly or indirectly pays or offers to pay anything of value (including gifts, travel, hospitality, charitable donations, or employment) to any candidate for political office or to any official or employee (including elected officials or any private person acting on behalf of a public sector entity) of any governmental entity, public international organization, or political party, to improperly influence any act or decision of such person for the purpose of promoting the business interests of either party;
- (3) refrain from making any unauthorized representation or commitment on behalf of the other party;
- (4) ensure that all communications to your customers and the other party are complete, truthful, accurate, not misleading, and include the required disclosures; and
- (5) refrain from retaliating against anyone who has, in good faith, reported a possible violation of the foregoing commitments.

(d) Business Conduct Training. For your employees in a position to influence the pricing, terms, or conditions under which Software is distributed, resold, or marketed (but excluding employees engaged solely in distribution of Software to End Users), you will:

- (1) provide regular training on anti-corruption Laws and business integrity principles to your employees who use, resell, distribute, or market Software; or
- (2) ensure (and certify upon request) that such employees regularly complete online anti-corruption training made available free of charge by Microsoft at <http://aka.ms/MPNanticorruptiontraining>.

## Configuration Information

(e) **Monitoring and Reporting.** If either party has a good-faith reason to believe that the other party is in violation of anti-corruption Laws in connection with business or sales activity relating to this License, it will notify the other party with a general description of the nature of the concern, and the reason for its belief. You may also contact Microsoft's Anti-Corruption Alias (ANTICPT@microsoft.com) or the Business Conduct Alias (BUSCOND@microsoft.com) with questions or requests for further information or guidance. The parties (and Microsoft) will confer in good faith on an appropriate and lawful approach to addressing the concern.

### 8. General Provisions.

(a) **Not Stand-Alone Product / Advertising Restrictions.** Unless otherwise authorized by Microsoft, you will not advertise, give a separate price for, or otherwise market or distribute the Software as separate from the Server. However, you may compensate End Users for Software returned to you under the License Terms.

(b) **Taxes and Other Charges Excluded.** You are responsible for any taxes, duties, fees, excises or tariffs imposed on any of your activities in connection with this License. You must pay these charges, taxes and other fees.

(c) **Records.** You must keep complete and accurate records of the number of Packs received from Manufacturer and the Software shipped to End Users. You must make this information available to Manufacturer on request. This includes financial statements and all documents related to acquisition, inventory, distribution and return of Software.

(d) **Severability.** If a court holds any term of this License to be illegal, invalid or unenforceable, the remaining terms will remain in full force and effect.

(e) **Non-Exclusivity.** Nothing in this License restricts you from supporting, promoting, distributing, or using non-Microsoft software or hardware.

(f) **Governing Law.** If Software was acquired in North America, the laws of the State of Washington, U.S.A. will govern this License. If the Software was acquired in a member state of the European Union or the European Free Trade Association, then the laws of Ireland will govern this License. If Software was acquired in any other country, the laws of the country in which the Software was acquired will govern this License.

(g) **UN Convention.** The United Nations Convention on Contracts for the International Sale of Goods does not apply to this License.

(h) **Technology Transfer.** This License does not create a "technology transfer" agreement, as defined by law because (a) the technology (including any software) made available under this license is not an integrated part of a technology chain for production or management purposes, and (b) the technology (including any software) will have its own technology license. You will not hold yourself out as our technology recipient and will not attempt to identify Microsoft as a technology provider under this License.

(i) **Legal Effect.** This License describes certain legal rights. You may have other rights under the Laws of your state or country. You may also have rights with respect to the party from whom you acquired the software. This License does not change your rights under the Laws of your state or country if the Laws of your state or country do not permit it to do so.

---

## Summary of Changes

Date	Version History	Action	Description of Change
03-Nov-2025	<a href="#">Version 5</a>	Changed	Configuration Information section was updated. HPE OEM Windows Server 2025 Licenses and Downgrades are now available.
02-Sep-2025	<a href="#">Version 4</a>	Changed	Included: <ul style="list-style-type: none"><li>– New digital media offering (WS25 ESD, WS22 DG ESD, WS19 DG ESD)</li><li>– WS19 physical DGs</li><li>– Reseller OEM Agreement</li></ul>
03-Feb-2025	<a href="#">Version 3</a>	Changed	Standard Features and Configuration Information sections were updated.
16-Dec-2024	<a href="#">Version 2</a>	Changed	Configuration Information section was updated.
02-Dec-2024	<a href="#">Version 1</a>	New	New QuickSpecs

[Shape the Future of QuickSpecs - Your Input Matters](#)

[Chat now](#)

© Copyright 2025 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Windows and Microsoft are registered trademarks of Microsoft Corp., in the U.S.

a00043497enw - 16190 - Worldwide - V5 - 03-November-2025

HEWLETT PACKARD ENTERPRISE

Hpe.com

