Overview

Microsoft Windows Server 2025

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. 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 capabilities[1].
- **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.

Notes:
- For more information on Hewlett Packard Enterprise's offering of Microsoft Windows Server 2025 products, go to:
  Windows Server | HPE
- [1]Azure cloud services may require an Azure subscription

Overview

What's New

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 & 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.
- 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 multicloud 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 & 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.

Standard Features

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)

Core info at **https://technet.microsoft.com/sysinternals/cc835722.aspx**, is a tool you can use to confirm which of these capabilities your CPU has.

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

Standard Features

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.

Other requirements
Computers running this release also must have 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 detail 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 for small and medium business 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

Service and Support

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/completecare

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

Service and Support

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**

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 services 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 quick-specs, 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/**

Service and Support

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
www.hpe.com/services

Configuration Information

Windows Server 2025 - Essentials

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		
Microsoft Windows Server 2025 10-core Essentials FIO Pre-installed UEFI Japanese SW		P77099-xxx
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		
Microsoft Windows Server 2025 10-core Essentials FIO Not Pre-installed		P77098-xxx
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		
Microsoft Windows Server 2025 10-core Essentials Reseller Option Kit		P77103-xxx
xxx = A21	English, French, Italian, German, Spanish, Dutch, Portuguese	EMEA
xxx = O21	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

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	WW
xxx = 291	Japanese	APJ

Configuration Information

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	WW
xxx = 291	Japanese	APJ

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

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

Configuration Information

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

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 = O21	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 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

Configuration Information

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

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

Configuration Information

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

Configuration Information

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)

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		
Microsoft Windows Server 2022 Datacenter Downgrade Kit ROK		**P77127-xxx**
xxx = 291	Japanese	APJ

Summary of Changes

Date	Version History	Action	Description of Change
03-Feb-2025	Version 3	Changed	Standard Features and Configuration Information sections were updated.
16-Dec-2024	Version 2	Changed	Configuration Information section was updated.
02-Dec-2024	Version 1	New	New QuickSpecs

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