

Microsoft Windows Server 2022 10-core Essentials Reseller Option Kit en/fr/es/xc SW (P46172-DN1)



What's new

- Hybrid capabilities with Microsoft Azure: The cloud-ready operating system that boosts on-premises investments with hybrid capabilities.
- Advanced multilayer security: Help protect data and apps at every level of your business, starting with the operating system.
- 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.
- Standard Add and Client Access licenses have changed configuration to allow

Overview

Do your systems need a cloud-ready operating system to increase security and performance for modern applications? Microsoft Windows Server 2022 can modernize your data center or cloud platform by enabling hybrid capabilities to increase value from technology investments. You can now upgrade to multilayer security with Secured-core OS as a cornerstone, improve efficiency with featured options such as Storage Spaces Direct and Windows Admin Center for easier management of modern applications with virtualization and containerization. With powerful innovations to elevate your system's efficiency and productivity, Windows Server 2022 pairs with HPE servers, storage, and networking solutions to provide the technology to help achieve your business goals.

Features

Hybrid Cloud and Security

Microsoft Windows Server 2022 features the Secured-core OS option, which uses Trusted Platform Module 2.0 and System Guard secure boot option to reduce risk from firmware vulnerabilities and to help provide multilayer security across hardware, firmware, and the operating system.

packing licenses into one single box (server box) instead of packing each product separately.

Windows Server 2022 supports AES-256-GCM and AES-256-CCM cryptographic suites for SMB encryption as well as TLS 1.3 to help provide a communication channel between two endpoints with increased security features.

Windows Server 2022 failover clusters support granular control of encrypting and signing intranode storage communications for cluster shared volumes (CSV) and the storage bus layer (SBL) to east-west storage encryption.

Improved Discrete Device Assignment (DDA) brings better security, virtual machine isolation, and performance for graphics-intensive workloads

For improved security, Windows Defender ATP provides access to deep kernel and memory sensors bolstered by Azure's massive security resources, helping to improve proactive security and anti-tampering to reduce exposure while enabling swift response actions on Windows Server 2022 endpoints. [1]

Modernized Server Infrastructure

Microsoft Windows Server 2022 features containers that allow packaging apps with their dependencies and using operating system-level virtualization to provide fast, fully isolated environments on a single system.

The Containers extension in Windows Admin Center enables the containerization of apps, as well as troubleshooting for containers running on a host, such as opening a console connection to a container, checking logs, or monitoring resource consumption.

Microsoft drastically decreased the size of the Windows Server core container base image by reducing duplicate payloads and removing unused optional components.

Storage Migration

Microsoft Windows Server 2022 offers the Storage Migration Service, which provides a graphical tool that inventories data on Windows, Linux®, and NetApp CIFS servers and then transfers the data to newer servers or to Azure virtual machines, without reconfiguring applications or users.

Capture and migrate legacy access permission settings along with the data for continued seamless functionality of your key business applications. As an option, transfer the identity of the legacy server to the destination server so apps and users can access the data without changing links or paths.

Technical specifications

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Product Number

P46172-DN1



[For additional technical information, available models and options, please reference the QuickSpecs](#)

HPE Services

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

Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

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Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

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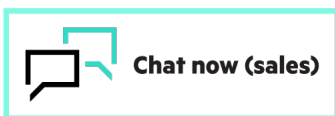
HPE GreenLake

[HPE GreenLake edge-to-cloud platform](#) is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

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