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# HPE Hyper Converged 250 for Microsoft Cloud Platform System Standard



## Overview

Are you looking for a simple, consistent, virtualized infrastructure? No matter the size of your company, simplify your user experience and IT operations with the HPE Hyper Converged 250 System for Microsoft CPS Standard. Together with Microsoft®, we developed an all-in-one, pre-integrated and configured solution that lets you transform traditional IT and capitalize on the advantages of hybrid IT. The HPE Hyper Converged 250 for Microsoft CPS Standard offers instant compute and shared storage cluster serving both applications and data services managed within the Microsoft System Center console. It also delivers a self-service cloud environment with services and automation that helps IT streamline deployment of Windows and Linux workloads. This hyperconverged and Microsoft Azure®-consistent cloud in a box lets you deploy an infrastructure that enables you to reduce cost and deliver IT services faster.

## Features

### Management Simplified

The HPE Hyper Converged 250 System for Microsoft CPS Standard accelerates deployment of virtual infrastructure to support business-critical applications with a path to hybrid cloud.



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Wizard-driven startup with the HPE OneView InstantOn that simplifies deployment of a virtualized compute and storage infrastructure.

Centralized management of compute, storage, and virtual machines from inside OneView for Microsoft System Center makes managing virtual infrastructure easy from a single interface, without any specialized storage, server or virtualization expertise.

Pre-configured for fast time-to-value. Only requires the entry of IP addresses, optional Azure subscription information, license and security credentials to get up and running.

Increase time-to-value and reduce complexity by using existing management tools. Monitor and manage with Microsoft's comprehensive suite.

### **Virtualization Optimized**

The HPE Hyper Converged 250 System for Microsoft CPS Standard delivers platform integration with Microsoft that increases functionality and ease of use while application integration simplifies storage management for applications.

It provides transparent VM failover across nodes, systems, and sites, bringing you worry-free protection in the event of a failure. Backup and recovery is equally easy with storage-based snapshots and HPE Remote Copy integration with virtualization platforms and Microsoft Windows® applications.

With built-in HPE Peer Motion, data volumes can non-disruptively replicate and migrate data volumes from one HPE Hyper Converged System family model to another, or to any x86-based server running any major hypervisor and HPE StoreVirtual VSA Software.

Pre-configured dashboards help visualize system health and performance, while optional Microsoft System Center delivers VM-level insight.

### **Hyperconverged + Azure-consistent Hybrid cloud in a Box**

The HPE Hyper Converged 250 System for Microsoft CPS Standard starts with 3 servers in a 2U chassis and scales up to 16 nodes in a cluster. Take advantage of scale-out flexibility to handle changing workloads while enabling simultaneous scale of server and storage resources.

Complete and compact, both applications and data may be served with 4 times the compute in 75% less space compared to traditional 2U servers.

Configure a hybrid, auto-tiering storage model with SAS and SSD capacity to serve performance and latency-sensitive workloads, an all-SAS model to meet larger capacity requirements at a



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lower cost per capacity, or an all-flash model for ultimate performance.

Get peace of mind with integrated HPE and Windows Azure disaster recovery features. Use StoreVirtual Remote Copy to replicate to off-site servers with StoreVirtual VSA Data Protection Shield Licenses.

With over two million HPE StoreVirtual licenses issued and millions of virtual machines running on HPE ProLiant Servers, enjoy the assurance that only HPE Hyper Converged Systems can provide.

**Integration with Azure Services**

The HPE Hyper Converged 250 System for Microsoft CPS Standard leverages Microsoft Azure Cloud as secondary disaster recovery site to lower capital and operating expenses; pay-as-you-go model.

Microsoft Azure Site Recovery offers N-Tier application consistency, application replication support, no impact recovery plan testing, automated VM protection and replication, one-click orchestration recovery and remote health monitoring and extensibility.

Microsoft Azure Backup protects workloads running in Azure in VMs or on physical servers including SharePoint, Exchange, and SQL Server.

