Hewlett Packard Enterprise

Hyper-converge your IT and get ready for hybrid cloud

HPE Hyper Converged 250 for Microsoft

Highly efficient general-purpose virtualization platform is easy to use and hybrid cloud-ready. Factory integrated, this scalable, modular appliance includes everything you need to converge your IT.

Why choose HPE Hyper Converged 250 for Microsoft?

- Worldwide hardware and software support

- Unified management experience reduces OPEX

- Can be managed from a single, familiar management console

- Non-disruptive scaling

- Built-in data protection features and disaster recovery (DR) capabilities

- Fast time to adoption using integrated Microsoft software components, including Windows Server® 2012 R2, System Center 2012 R2, and Windows® Azure Pack

Now is the time to transform

To keep pace with new (and growing) competitive pressures, your organization needs to transform to Hybrid IT. Doing so requires your IT to address current needs while preparing for future requirements, coupled with the added demands for containing costs and addressing increasing security concerns.

A proven way to address all of these challenges all at once is hyper-convergence—where compute and storage are natively integrated into a single x86-based appliance that can be deployed in scale-out clusters.

And today, there's a new hyper-converged system on the block. It's called HPE Hyper Converged 250 for Microsoft® Cloud Platform System Standard. This all-in-one system is the ideal choice for transforming your traditional IT to a future infrastructure—and capitalizing on Hybrid IT.

Say "yes" to hyper-convergence

With up to four powerful, individually-serviceable servers in a single 2U chassis, you'll have an instant compute and shared storage cluster serving both applications and data services. Proven HPE ProLiant and HPE StoreVirtual technologies are combined into the HPE Hyper Converged 250 to deliver performance, density, and efficiency for scale-out workloads and on-premises cloud.

With this flexible, hyper-converged, and Azure-consistent cloud in a box, you can deploy an infrastructure that enables you to increase your bottom line and reduce operating expenses by:

- Rapidly developing and delivering new services

- Creating new revenue streams and tapping into new markets

- Eliminating infrastructure and management complexity

- Increasing overall efficiencies

- Enabling IT generalists to manage the entire system

One system, many uses

As your business continues to grow and evolve, you need an IT environment that can support a diverse set of application workloads, while delivering greater performance, capacity, and cost efficiency. The HPE Hyper Converged 250 for Microsoft meets all these needs and more. The self-contained, modular building blocks are designed to help you easily change workloads and accommodate new business opportunities as they emerge.

Applications with high compute requirements and high I/O density benefit most from hyper-convergence, such as:

- Infrastructure services

- Manufacturing systems

- Back-office applications

- Virtual desktops and virtualized databases

- Directory services

- Print services

- Small virtualized file services

- Point-of-sale applications

- Web servers

- Dev/test environments

Built-in resiliency

Protect your business with inherent data protection features and disaster recovery capabilities. HPE Hyper Converged 250 provides transparent virtual machine failover across nodes, systems, and sites, offering you worry-free protection in the event of a failure.

Backup and recovery is equally easy with storage-based snapshots and Remote Copy integration for virtualization platforms and Microsoft Windows applications. Extending your business continuity capabilities in the cloud is fast and easy with add-on Azure services, including backup and disaster recovery.

Delivering a unified management experience

A critical component in any hyper-converged system is management. And with HPE Hyper Converged 250 for Microsoft, you benefit from a truly integrated management experience, made possible by HPE OneView for Microsoft System Center.

Our solution partner

■■ Microsoft

f 𝕏 in ✉

Sign up for updates

★ Rate this document

▬
Hewlett Packard
Enterprise

With OneView for System Center, you benefit from:

- A single pane-of-glass for day-to-day management tasks across physical, virtual, and cloud environments, as well as across servers, storage, and networking

- Automated storage provisioning and control

Using System Center Operations Manager capabilities, your administrators can monitor the compute, storage, and network components using centralized dashboards. These dashboards provide a granular view on infrastructure health, enabling corrective action for alerts and warnings. You also gain the flexibility to provision and manage virtual resources to meet business needs, including expanding volumes for more capacity.

HPE OneView InstantOn start-up and expansion wizard enables you to deploy or increase the number of appliances with only five minutes of input and 10 minutes of automated processing.

Preparing for hybrid cloud

When the time is right for your organization to transform to a cloud environment, HPE Hyper Converged 250 for Microsoft includes everything you need to get started. With Microsoft Cloud Platform System Standard software built in, you benefit from an:

- Azure-like experience with Azure-connected services, including a self-service portal that helps you configure and manage cloud services.

- Integrated cloud software support growth on your terms.

- Increased business agility, using a self-service cloud environment with services and automation to help you deploy the apps your users require.

Services for the New Style of Business

With Hewlett Packard Enterprise's worldwide services team and extensive channel network, you can select the right-fit service and support options for the appliance, including software.

- HPE Foundation Care provides hardware and software support, enabling faster resolution of problems on Hewlett Packard Enterprise products.

- HPE Proactive Care helps prevent issues and get you to our best experts when there is an issue.

- HPE Proactive Care Advanced assigns a local expert for personalized technical collaboration.

- HPE Hyper-Converged Installation and Startup Service provides planning, service deployment, installation verification testing, and an orientation session.

- Remote Installation capabilities speed solution deployment.

Ready to transform?

Call your Hewlett Packard Enterprise representative or trusted channel partner today to find out how deploying HPE Hyper Converged 250 for Microsoft can help you transform to a future infrastructure and capitalize on the New Style of Business.

Learn more at
hpe.com/info/hyperconverge