Hewlett Packard Enterprise

Boost VDI with high-performance graphics

HPE ConvergedSystem 700 for VMware Horizon

Fully tested and validated blueprint defines the optimal configuration for supporting hundreds of virtual desktop users on a converged system

Simplify application deployment in a virtualized environment

Built on decades of HPE technical expertise, VMware best practices, and validated lab testing, this HPE reference architecture is tuned to help you mitigate deployment risk and reduce provisioning time, cost, and errors so you can deploy VMware Horizon faster and more efficiently.

With HPE ConvergedSystem 700 as its foundation, the solution also includes single-system management via HPE OneView, end-to-end services from design through deployment, and a single point of support to reduce risk and speed problem resolution.

Simple client virtualization and accelerated graphics

With innovation disrupting businesses in every industry, your success will be determined by your ability to transform IT to meet new expectations of consumers and business customers with speed and agility. That means supporting today's global and highly mobile workforce with a New Style of Business, while leveraging innovative solutions for data and application delivery that:

- Enable your people to work from any location, at any time, with support for bring your own device (BYOD)

- Streamline management of a large and distributed workforce

- Guard against security breaches, regardless of the device being used

- Provide an accelerated graphics user experience powered by the latest NVIDIA GRID technology

- Offer exceptional density per blade in graphics virtualization products

- Deliver graphics-intensive applications that can revolutionize productivity

Enabling anywhere, anytime application and information delivery while still protecting corporate information and reducing desktop management sounds like a tall order. But you can do it all with HPE ConvergedSystem 700 for VMware® Horizon. This proven blueprint includes everything you need for desktop virtualization success.

A new approach to IT— HPE ConvergedSystem

New workloads and business demands are forcing organizations of all sizes to reevaluate the way they buy and manage infrastructure. Today's decision-makers want the simplicity of pre-engineered systems and single-vendor support. They are looking for modular, repeatable building blocks that are tuned to handle unpredictable workloads. And they want it all wrapped in a software-defined management platform for servers, storage, and networking that automates all layers of the data center and streamlines routine tasks.

They also need these systems to deliver fast time-to-value. That's why HPE introduced the ConvergedSystem.

Giving you what you need and want

Taking efficiency to new heights, HPE ConvergedSystem 700 delivers virtualization and supporting infrastructure as complete, extremely efficient, all-in-one systems that are quick and easy to install and use.

HPE ConvergedSystem 700 for VMware Horizon includes standardized building blocks of HPE ProLiant Gen9 servers, HPE 3PAR StoreServ storage, networking, rack, and power, integrated with VMware virtualization. The system is open and flexible, supporting either HPE or Cisco top-of-rack (ToR) switches. And it's all managed by HPE OneView—a fresh take on infrastructure management that brings together your administrators, equipment, and processes to meet management requirements.

HPE OneView converged management radically simplifies everyday tasks, mitigates project risk, reduces operating expenditures (OPEX), and improves agility and efficiency so your IT organization can deliver business value faster, at a lower cost, and with greater consistency and reliability.

Giving users personalized desktops

Designed to extend the power of desktop and application virtualization from the data center to devices, VMware Horizon securely delivers and manages Windows® desktops, applications, and online services to end users through a unified workspace across virtual data centers, virtual machines, and physical devices.

No more heavy lifting

Choose a pre-configured, pre-integrated system

One way to get an IT solution that meets your precise needs is to follow the "do-it-yourself" approach—gathering individual components, and then carefully integrating the components into a fully functional system.

With HPE and VMware, you can think about infrastructure differently. You can deploy a pre-configured, pre-integrated HPE ConvergedSystem 700 for VMware Horizon solution designed to:

---

[1] Intel® performance testing on platform with two E5-2697 v2 (12C, 2.7 GHz), 8 x 8 GB DDR3-1866, RHEL 6.3. Platform with two E5-2697 v3 (14C, 2.6 GHz, 145 W), 8 x 8 GB DDR4-2133, RHEL 6.3, April 2014.

[2] Outfits 3X more NVIDIA Quadro K3100M GPUs in the same HPE c-Class enclosure space vs. using WS460c Gen9 Servers without expansion blades..

Our solution partners

f   y   in   ✉

Sign up for updates

Hewlett Packard Enterprise

- Speed deployment

- Boost efficiency

- Slash costs

- Avoid deployment errors

Trust HPE as your strategic partner to provide a complete virtual desktop infrastructure (VDI) solution designed to your unique specifications—that also leverages open standards to seamlessly integrate with your existing IT.

High-performance graphics support

The cutting-edge of high-performance end-user computing, the HPE ProLiant WS460c Graphics Server Blade—powered by the latest NVIDIA GRID technology—enables GPU virtualization for graphics workloads in the data center where sensitive data can be more securely, easily, and economically managed. The result is a vastly improved end-user experience for graphics-intensive applications like high-definition video, imaging, and computer-aided design. This powerful server blade:

- Delivers the industry's most comprehensive graphics acceleration capabilities for VDI in a blade form factor

- Boosts performance by up to 70 percent with the new Intel® Xeon® E5-2600 v3 12-core processors[1] Achieves up to 3X improvement in user density[2] for savings in power and space

VDI deployment options

At HPE, we understand that one size does not fit all. That's why we offer different options to successfully deploy a desktop and application virtualization environment.

HPE ConvergedSystem 700 for VMware Horizon

The HPE ConvergedSystem 700 for VMware Horizon, powered by Intel, is a

---

pre-integrated infrastructure solution that provides you fastest time to value with complete lifecycle simplicity. This complete solution is specifically optimized for workplace productivity and fully tuned and tested with VMware Horizon to provide remote desktop capabilities to upwards of 3,500 virtual desktop users per system.

HPE Converged Architecture 700 for VMware Horizon

The HPE Converged Architecture 700 for VMware Horizon offers the flexibility of a solution specifically tailored to fit your needs and is delivered as a flexible reference architecture by your choice of certified channel partner. HPE has done all the engineering, testing and design for you and provides configuration, sizing, bill of materials and deployment details that reduce risk, and saves you the time and resources spent building it yourself.

HPE BladeSystem with HPE ProLiant BL460c and HPE OneView (plus optional HPE ProLiant WS460c Graphics Server Blade with NVIDIA GRID)

While HPE provides Converged Systems that make it fast, simple, and cost-effective to deploy a workplace productivity solution, we understand you may want the flexibility of a 'build your own' solution. In either scenario, HPE provides industry-leading HPE BladeSystem with HPE ProLiant BL460c and HPE OneView (plus optional HP ProLiant WS460c Graphics Server Blade with NVIDIA GRID).

Learn more at
hpe.com/info/vmware
hpe.com/info/cv
hpe.com/info/convergedsystem