Converged Infrastructure Delivered

Modernize IT with HPE Converged Architecture 700

Accelerate time-to-value—while increasing flexibility and choice—by working with your qualified channel partner to deploy an integrated offering powered by HPE ProLiant Gen10 servers with Intel® Xeon®-based processors

Converged infrastructure delivered by your choice of HPE qualified channel partner saves you time and resources.

- Receive groundbreaking advancements in server security with HPE ProLiant Gen10 servers—the world's most secure industry-standard servers.[1]

- Achieve faster time-to-value with pretested, pre-validated solutions that are optimized to fit your needs for infrastructure as a service (IaaS), private cloud, and mixed workloads.

- Customize your solution at your site, selecting components from the verified and allowed bill of materials.

- Gain peace of mind, knowing that all solution components will work together seamlessly in your heterogeneous IT environment.

Feeling the pressure to modernize your IT?

Experience a new sense of power
You're under relentless pressure to deliver new applications and services in less time than ever before. But these new workloads require more flexibility and scalability than your existing IT infrastructure can deliver.

Now is the time for something new—
HPE Converged Architecture 700.

Powered by HPE ProLiant Gen10 blade and rack servers with the Intel Xeon Scalable Processor family, HPE Converged Architecture 700 gives you the power to address the explosion of information created by cloud, Big Data, and mobility applications.

You also benefit from groundbreaking advancements in:

- Agility to deliver business results with Intelligent System Tuning, **HPE Scalable Persistent Memory**, and server networking and storage

- Security to protect your digital assets

- Economic control through the ability to consume and pay for only what you use

HPE Converged Architecture 700 is all about:

- **Deploying faster**, using pretested, pre-validated solutions.

- **Simplifying IT operations** by automating end-to-end infrastructure management.

- **Increasing efficiency** by building your data center infrastructure with flexible, open solutions that work seamlessly within your heterogeneous environment.

Following a proven approach
Using modular, repeatable, and scalable building blocks, HPE Converged Architecture 700 optimizes your workloads and applications. Backed by the power of HPE OneView, HPE Converged Architecture 700 helps simplify operations by increasing the speed of IT delivery of new applications and services.

Providing flexible designs and a choice of third-party infrastructure to fit your unique workload requirements, HPE Converged Architecture 700 enables you to scale-up or scale-out easily and efficiently.

Delivered by the qualified channel partner of your choice, HPE Converged Architecture 700 enables you to deploy your infrastructure your way with complete confidence.

[1] Based on external firm conducting cyber security penetration testing of a range of server products from a range of manufacturers, May 2017.

Deploy faster

Built and delivered by your choice of qualified channel partners, HPE Converged Architecture 700 saves you time and resources, as compared to the do-it-yourself (DIY) approach. Channel partners ensure that you deploy pre-validated and tested solutions that can be built out and delivered quickly. You can work directly with your qualified HPE channel partner to customize and integrate the solution at your site, selecting components within the verified and allowed bill of materials.
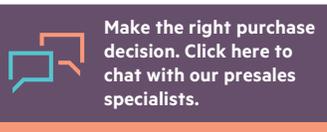
Simplify IT operations

HPE OneView—the infrastructure automation engine built into HPE Converged Architecture 700—simplifies your IT operations. Through software-defined intelligence, HPE OneView brings a new level of automation to infrastructure management by taking a template-driven approach to provisioning, updating, and integrating compute, storage, and networking infrastructure.

New to HPE Converged Architecture 700 is integration with HPE Nimble Storage—helping deliver a radically simple solution through the power of predictive analytics that see, predict, and learn across the entire stack. With HPE Nimble Storage, infrastructure becomes truly predictive.

[2] With Persistent Memory, the world's first non-volatile DIMM (NVDIMM) on HPE ProLiant servers. Internal HPE lab testing on a DL380 Gen9 E5 2600 v4 with HPE 8 GB NVDIMM-N, December 2015.

Our solution partner

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Because HPE Converged Architecture 700 is a complete solution that offers a choice in networking components, both deployment and lifecycle management are simplified. In addition, trusted and expert delivery through channel partners saves you time and resources. To simplify your support experience, you can select the HPE Pointnext service option that best suits your business needs. You can choose from HPE Proactive Care, Datacenter Care, and Foundation Care, or select our "pay per use" model with HPE Flexible Capacity. In addition, HPE Education Services can help you become proficient in managing the day-to-day system administration tasks of your environment.

Increase efficiency

To reduce deployment risk and lower the total cost of ownership, the solution provides configuration, sizing, bill of materials, and deployment details—all validated and designed for enterprise scalability. HPE Converged Architecture 700 protects your investment by easily integrating into your existing environment. It also provides greater choice by integrating with the network switch of your choice—**HPE Networking**, Arista, or Cisco top-of-rack.

The HPE Converged Architecture 700 is an ideal platform to deploy IaaS, private cloud, and mixed workloads. Fully tested and validated HPE Reference Architectures—built on decades of HPE technical expertise and independent software vendor best practices—are tuned to ensure optimal performance of a specific application.

Modernize with confidence

To power the HPE Converged Architecture 700, HPE uses cutting-edge technology you can trust for the long term.

- **HPE ProLiant Gen10 blade and rack servers**, providing an ideal balance of:
  - **Agility**—To accelerate your business with up to 27X faster operations with HPE Scalable Persistent Memory.[2]
  - **Security**—By deploying the world's most secure industry-standard servers[1] featuring silicon-based security.
  - **Economic control**—Reducing operational costs by leveraging a pay-as-you-go consumption model with the ability to add capacity in minutes, not months.

- **HPE 3PAR StoreServ 9000 Storage**, helping you consolidate primary storage workloads—for file and block—onto an enterprise-class flash array without compromising performance, scalability, data services, or resiliency. Designed to support virtualized, containerized, and traditional applications.

- **HPE Nimble Storage**, delivering radically simple, cloud-ready, predictive infrastructure storage—ensuring your applications have the required performance and availability.

- **HPN FlexFabric 5940 switch**, optimized to meet your increasing requirements for higher-performance server connectivity and the ability to handle virtual environments.

- **Arista 7160 switch**, designed to handle workloads that require low latency and zero downtime such as high-frequency trading or Big Data applications.

What's next?

Call your HPE qualified channel partner today. Find out how your converged infrastructure—delivered your way—can save you time and resources. Learn about HPE partners' value-added services, helping you deploy infrastructure and applications more efficiently.

Learn more at
hpe.com/info/ca700