

Deploy your infrastructure your way

Complete, workload-optimized HPE Converged Architecture 700

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

- Increase workload simplicity with flexible deployment options you can build on your existing infrastructure
- Configure workload-optimized solutions to meet your needs for cloud, mobility, Big Data, and more
- Reduce the complexities of planning, designing, and implementing infrastructure with a portfolio of reference architectures that deliver faster time-to-value

Accelerate time-to-value—while increasing flexibility and choice—by working with your qualified channel partner to deploy an IT offering that is converged, automated, and optimized to handle all your workloads

Looking for more IT flexibility and choice?

Experience a new sense of power

You're under relentless pressure to deliver new applications and services in less time than ever before. For today's workloads, existing IT infrastructure just doesn't provide the flexibility and scalability you need. Now is the time for something new—HPE Converged Architecture 700.

Optimized for Citrix® XenDesktop®, Microsoft® Exchange and SharePoint, VMware vSphere®, Red Hat® Enterprise Linux®, Docker, and more, these solutions give you the power to capitalize on game-changing opportunities created by cloud, Big Data, and mobility.

Providing a fast path to deploy workloads and applications, HPE Converged Architecture 700 is all about:

- **Converging your infrastructure** with industry-leading HPE BladeSystem¹
- **Automating your infrastructure** with HPE OneView management
- **Optimizing your infrastructure** across workloads such as cloud, mobility, Big Data, and more

HPE Converged Architecture 700

Optimized for your changing workloads

HPE Converged Architecture 700 delivers proven, repeatable building blocks of infrastructure maintained by one management platform—HPE OneView—and built and delivered exclusively by certified HPE channel partners. This methodology saves you considerable time and resources, as compared to the do-it-yourself (DIY) approach.

Based on a complete HPE stack consisting of HPE BladeSystem with Intel® Xeon® E5 v3-based HPE ProLiant BL460c Gen9 Server Blades, HPE 3PAR StoreServ All-Flash Storage, HPE Networking, and HPE OneView converged infrastructure management software, HPE Converged Architecture 700 does not need to be purchased all at once, and can easily be modified to fit within your existing IT environment.

Your pathway to the cloud

When the time is right, the flexible and open architecture provides an easy path to HPE Helion CloudSystem. This enterprise-grade cloud platform makes it easy for you to build, manage, and consume workloads in a hybrid IT environment including private and public clouds, working in tandem with on-premises systems.

Solution brief

With HPE Converged Architecture 700, you benefit from a system that is:

- **Fast**—Deploy the system with HPE authorized partners who can accelerate your time-to-value and provide value-added services. Repeatable building blocks accelerate enterprise workload deployment by up to 66X.²
- **Simple**—Single, complete infrastructure stacks simplify deployment while familiar management tools simplify IT operations. Extend your options with lifecycle support offerings tailored to fit your specific business needs.
- **Efficient**—Validated and fully tested solutions support enterprise scalability and increase IT operational efficiency to deliver new services faster.

HPE Converged Architecture 700 with Arista

If you handle demanding workloads such as high-frequency trading or Big Data applications, you need an underlying networking infrastructure that offers high performance, low-latency, high availability, and zero downtime even during upgrades—plus the ability to integrate with existing IT systems, including software-defined networking solutions. HPE Converged Architecture 700 combined with Arista's high-performance network switching delivers all this and more.

² IDC white paper sponsored by HP (now Hewlett Packard Enterprise), "Achieving Organizational Transformation with HP Converged Infrastructure Solutions for SDDC"

Our solution partner



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Tested in Hewlett Packard Labs and Arista Labs to deliver a strong user experience, the verified design reduces risk and complexity, while providing additional choice in networking technologies to customers with integrated infrastructures.

When you choose this solution for your high performance, low latency needs or are already standardized on Arista, you receive all the value of HPE Converged Architecture 700 plus the benefits of working with Arista:

- **Leadership in cloud networking**—Arista is in the top five in data center networking and top two in the U.S.—with three million cloud networking ports.
- **Open and standards-based**—Seven of the eight largest hyperscale computing companies have adopted Arista for scalability, low-latency, resiliency, and programmability.
- **Unprecedented scalability**—Arista pioneered building cost-effective networks that scale with simple, repeatable designs to more than 100,000 physical servers and more than one million virtual machines.

HPE Reference Architectures

To help reduce the complexities of planning, designing, and implementing infrastructure across a variety of workloads and applications, Hewlett Packard Enterprise offers an extensive portfolio of HPE Reference Architectures (RAs) for the HPE Converged Architecture 700. These solutions are fully tested, validated, and tuned to ensure optimal performance of specific applications. They are also built on decades of HPE technical expertise and independent software vendor (ISV) best practices to help you speed time to solution with lower risk, less cost, and fewer errors.

HPE RAs provide performance assurance for specific workloads and applications, including Citrix XenDesktop, Microsoft Exchange and SharePoint, VMware vSphere, Red Hat Enterprise Linux, and more. Two of the latest RAs include:

HPE Converged Architecture 700 with HPE Helion Cloud System and Arista RA:

Get all the benefits of HPE Converged Architecture 700 with Arista, plus the advantages of the powerful, flexible, enterprise-grade HPE Helion Cloud System hybrid cloud platform. This complete solution lets you capitalize on the benefits of a converged, hybrid cloud-enabled architecture to accelerate your business and improve time-to-value. The tested and verified design reduces risk and complexity, while providing choice in networking technologies for your hybrid cloud environment.

HPE Converged Architecture 700 with HPE Helion Cloud System for Docker RA:

The HPE Converged Architecture 700 with HPE Helion CloudSystem for Docker RA helps software test and development teams build and update applications faster and more flexibly than ever before. HPE Helion CloudSystem simplifies and speeds cloud provisioning and management, while Docker enables seamless migration of applications to the cloud along with development of cloud-native applications.

What's next?

Call your HPE authorized channel partner today. Find out how your converged infrastructure—delivered your way—can save you time and resources.

Learn more at hp.com/info/convergedarchitecture

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4AA6-1501ENW, March 2016, Rev. 2