DELLTechnologies

Dell EMC PowerEdge Reference Architectures

A portfolio of engineering-validated designs built on leading Dell Technologies infrastructure

Essentials

Speed time to value.

Build workload-optimized rack systems ~6-12 months faster than it would've taken to figure out the correct configurations and deploy the platform.

Build systems with confidence.

Rely on designs that are tested and validated by our world-class engineers. Services are available when and where you need them.

Save time and resources.

Order just what your applications need and what you want — reducing hardware cost while increasing administrative efficiency.

Accelerate outcomes with workload-optimized designs

In the data era, deploying the right IT is a critical success factor. Modern, flexible infrastructure gives you the ability to increase efficiency and productivity, innovate faster and optimize customer experience. But business needs are constantly shifting, and deploying new solutions can be complex, costly and time consuming — especially when it comes to emerging workloads like artificial intelligence (AI).

Reference architectures are engineering-validated solution stacks that use proven configurations of compute, networking and storage. Dell EMC PowerEdge Reference Architectures incorporate best practices and are sized to meet a variety of business needs. The technologies can be delivered integrated — as well as standardized — for better performance, greater reliability and streamlined implementation. In fact, reference architectures can reduce or eliminate steps required to deploy new solution stacks.

Flexible designs for your top IT goals

PowerEdge Reference Architectures are engineering designed and tested then documented and delivered with key considerations and guidance. Our experts incorporate adjustments from extensive real-world deployment experience into these architectures as well. The Dell Technologies team can even help customize a solution to fit your needs and help realize the benefits of faster time to value, predictable deployments and savings.

A partner you can rely on

Dell Technologies is committed to advancing analytics, AI and HPC, and there are expert resources available around the globe.

- Come in for an executive briefing and collaborate on ways to reach your business goals.
- We are committed to providing you with choice. We want you to get what you need and have a great experience working with us. If we don't have what you need, we'll tell you who does. If we can't do it, we'll tell you someone who can. We believe in being open, and we publish our performance results.
- Dell Technologies is the only company in the world with a portfolio that spans from workstations to supercomputers, including servers, networking, storage, software and services.
- Because Dell Technologies offers such a wide selection of solutions, we can act as your trusted advisor without trying to sell you a one size fits all approach to your problem. That range of solutions has also given us the expertise to understand a broad spectrum of challenges and how to address them.

- #1 in servers[1]
- #1 in convergend and hyperconverged infrastructure[2]
- #1 in storage[3]
- #1 cloud IT infrastructure[4]

Learn more

delltechnologies.com/referencearchitectures

Contact a Dell expert

Find a Dell Technologies partner

Customer Solution Centers

Our global network of dedicated Dell Technologies Customer Solution Centers are trusted environments where world-class IT experts can collaborate with you —at no cost — to share best practices, facilitate in-depth discussions of effective business strategies and help your business become more successful and competitive. Dell Technologies Customer Solution Centers help reduce the risks associated with new technology investments and can help improve speed and ease of implementation.

Services

Consulting, education, deployment and support services are available when and where you need them from Dell Technologies and partners around the world.

Financial Services

Flexible financing options can help you do more with less. With APEX Flex on Demand, you pay only for the technology you need with payments that adjust accordingly.

PowerEdge Reference Architectures

A vast portfolio of engineering-validated designs built on Dell EMC infrastructure help you design and deploy solutions for a variety of business needs. Some of the available designs include:

AI	HPC	HPC storage
[DataRobot®](DataRobot)	Omnia	BeeGFS
[Grid Dynamics®](Grid Dynamics)	HPC for AI and Analytics	[NFS](NFS)
[H2O.ai®](H2O.ai)	Virtualized HPC (vHPC)	[Pixstor™](Pixstor)
[Iguazio®](Iguazio)	Genomics with BioBuilds	Data Accelerator
Kubeflow on OpenShift	Star CCM+	

View the full portfolio at delltechnologies.com/referencearchitectures.

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Dell Technologies believes the information in this document is accurate as of its publication date. The information is subject to change without notice.