



## Gain Flexibility, Performance and Scale with Dell PowerEdge Servers.

Where uninterrupted availability ranks as utmost importance, PowerEdge simplifies the process for hyperscalers to deliver a rich spectrum of services and applications to their customers, a prerequisite for agility and speed in the digital era.

Dell PowerEdge Scale Servers—a holistic approach tailored to meet the always-on demands of your data center ecosystems.



### Continuous Cloud Operations with Uncompromised Performance

These servers boast high-performance capabilities, ensuring uninterrupted cloud operations through redundancy mechanisms, hot-swappable components, and ingenious [Dell Smart Cooling technology](#).



### Dynamic Scalability to Meet Demand

The PowerEdge scale portfolio empowers organizations to deploy resources elastically, accommodating fluctuating customer demands. Flexible configurations and seamless expansion options enable adjustments, all without causing major disruptions.



### Robust Security Safeguards

A plethora of security features— harnessing cryptographic verification, system lockdown, intrusion detection, robust UEFI boot and firmware safeguards anchored by a silicon Root of Trust, and secure erase—are just some of the practices that help fortify your IT defenses around your data center infrastructure whilst helping accelerate the adoption of a Zero Trust security strategy.



### Comprehensive Management Suite

Dive into an extensive assortment of [management tools](#) that include iDRAC (integrated Dell Remote Access Controller) with Lifecycle Controller. This equips you with the capability of secure remote server management. Dell's OpenManage™ and CloudIQ™, alongside the choice of [Open Server Manager](#) (OSM) built on OpenBMC™ on various platforms, provide a diverse range of functions for monitoring, administration, and fortification of servers throughout your infrastructure. This integration seamlessly streamlines server management tasks across your entire data center environment.



### Efficiency for Sustainability

Energy efficiency is designed in for improved air flow, hot aisle and cold aisle placement, and lowered power requirement. Driving down operational costs and TCO helps align to your [sustainability](#) objectives.

# Core

Accommodate a wide spectrum of scaling needs with performance, flexibility, and low-latency storage options in an air or liquid-cooled configuration.



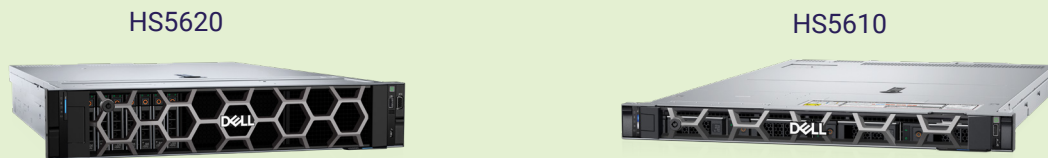
# Modular

Sled based designs that easily scale and provide flexible density options to support future growth when scaling out your data center.



# Targeted

Accelerate targeted scaling for your cloud architecture with these tailored and validated platforms designed for Cloud Service Providers.\*



By combining remarkable performance, unwavering reliability, seamless scalability, robust security, and streamlined management, these servers deliver innovative, always-on scale infrastructure for distributed digital landscapes.

Help ensure your PowerEdge Scale Servers are always on with backing from Dell Technologies Services. With global reach across 170 locations and 60,000+ service and partner professionals, Dell services accelerate time-to-value, optimize server uptime, and enhance security from the outset. Our **ProDeploy Factory Configuration service** streamlines large-scale deployments by pre-configuring servers to your specifications, reducing administrative hours by 115 per 100 servers<sup>1</sup>. For swift technology adoption, **ProDeploy for Infrastructure** provides expert planning and 24x7 installation, significantly decreasing admin time by over 223 hours<sup>1</sup> per 100 servers. **ProSupport Plus for Infrastructure**, a 24x7 support solution, provides you with a dedicated service account manager and priority access to senior support engineers. Our **Logistics Online Inventory Solution** ensures seamless parts management where you want and need them. Explore our comprehensive services at [Dell.com/Services](https://Dell.com/Services).

Reach out to your Dell representative to embark on a journey into the world of [Dell PowerEdge scale servers](#). And [Global Services](#) are available in up to 170 locations and supported by more than 60,000 Dell professionals and partners.

\*Available through the Hyperscale Next Program.

<sup>1</sup>Based on a June 2023 Principled Technologies study "A Principled Technologies report: Hands-on testing. Real-world results – Faster and easier server installation with Dell ProDeploy Factory Configuration or ProDeploy Plus Infrastructure services" [bit.ly/3WbxOfT](https://bit.ly/3WbxOfT)