

Everything Runs Better on Dell PowerEdge

The latest **Dell PowerEdge** servers featuring **AMD** processors are not just more powerful; they're more purposeful. These servers are optimized to excel at specific types of workloads in different environments, whether you're running AI in your data center or virtual desktops in the cloud.

This Is Innovation at Work

We've packed more innovation per inch into **Dell PowerEdge** servers to help you do more with less: more things like AI and big data while using less space and energy. Find your PowerEdge and discover your inspiration for the next generation of innovation. This Is Innovation at Work

2.25X

More Memory

With DDR5 technology, we've extended the RAM density and bandwidth to deliver 2.25X more memory bandwidth than previous-generation servers.

6X

Faster IOPS

Dell's latest PowerEdge RAID Controller, PERC12, delivers exponentially faster IOPS performance and 99.7% lower latency than PERC11.



60% More Storage Drives

PowerEdge servers feature up to 60% more ES.3 NVMe storage drives than previous-generation servers. PowerEdge servers feature up to 60% more ES.3 NVMe storage drives than previous-generation servers.



5:1 Consolidation

With the latest generation of PowerEdge servers, businesses can achieve up to 5:1 server consolidation in their data centers.



5X Cooling Capacity

Dell's Smart Cooling design—featuring optimized airflow, energy-efficient fans, and direct liquid cooling options—increases server cooling capacity by 5X.5

What's Your PowerEdge?

For every workload, there's a PowerEdge server designed to deliver optimal price/performance for that application through multiple innovations and unique

World record for TPCx-AI benchmark

AI + PowerEdge R7625

Looking for the best server to handle AI and machine learning (ML)? Look no further than the dual-socket 2U PowerEdge R7625, featuring up to 8 PCIe Gen 5 slots and 6 GPUs per server.

Top Score server-power performance

Virtualization + PowerEdge R7615

With 50% more cores per CPU (from 64 to 96), the PowerEdge R7615 server with AMD EPYC processors is ideal for data centers where virtual machines and virtual desktop infrastructure are a daily reality.

World record for TPCx-AI benchmark

High-Performance Computing + PowerEdge R6625

Need maximum performance and scale in your data center for high-performance workloads? Then you need PowerEdge R6625 with AMD EPYC processors to deliver optimal price/performance.

Top Score server-power performance

Telco/Cloud + PowerEdge R6615

For sustainability and scale, the single-socket 1U PowerEdge R6615 packs exceptional power with AMD's EPYC processors in a low-profile, energy-efficient design.

121% higher performance

Big Data + PowerEdge R7625

Large-scale data analysis requires high performance, high memory bandwidth, and high security. The PowerEdge R7625 server delivers all that and more.

World record for SAP Sales and Distribution benchmark

Big Data + PowerEdge R7625

Large-scale data analysis requires high performance, high memory bandwidth, and high security. The PowerEdge R7625 server delivers all that and more.

Dell PowerEdge servers with AMD 4th gen EPYC processors are better for high-performance applications and better for the environment, too.