## DCLTechnologies

## 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 Power-Edge and discover your inspiration for the next generation of innovation.



AMD





With DDR5 technology, we've extended the RAM density and bandwidth to deliver 2.25X more memory bandwidth than previous-generation servers.<sup>1</sup> Dell's latest PowerEdge RAID Controller, PERC12, delivers exponentially faster IOPS performance and 99.7% lower latency than PERC11.<sup>2</sup>



### **60% More Storage Drives**

PowerEdge servers feature up to 60% more ES.3 NVMe storage drives than previous-generation servers.<sup>4</sup>

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## **5:1 Consolidation**

With the latest generation of PowerEdge servers, businesses can achieve up to 5:1 server consolidation in their data centers.<sup>3</sup>



## **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.<sup>5</sup>



## 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 configurations.

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# World record for TPCx-AI benchmark<sup>®</sup>

#### 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.

# 232% higher performance per watt<sup>®</sup>

### 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<sup>7</sup>

#### 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.

# Up to 48% lower processor costs<sup>°</sup>

#### 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<sup>®</sup>

#### 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"

Data Processing + PowerEdge R7615 The single-socket 2U PowerEdge R7615 is a proven workhorse for database workloads that helps you consolidate servers and cut costs and energy consumption in your data center.



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

Find your PowerEdge at www.dell.com/servers/amd

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