

# The Dynamic Duo: Versatility Meets Performance

New Dell PowerEdge servers with AMD 5th Gen EPYC processors

## Dell Technologies and AMD strike the right chord

When next-generation Dell PowerEdge servers and AMD EPYC™ processors take the stage, your applications hit the high notes. Get unmatched scalability, efficiency and flexibility with a wide range of configurations delivering optimal performance from mainstream workloads to artificial intelligence (AI).



## 5 ways Dell Technologies and AMD enable AI-ready data centers

### 1 Purpose-built

Unleash potential with increased performance delivered by AMD 5th Gen EPYC processors.

Up to **192 cores** per CPU

### 2 Flexible

#### Single socket

Exceptional performance and efficiency

PowerEdge R6715  
PowerEdge R7715

#### Dual socket

Breakthrough performance that scales

PowerEdge R6725  
PowerEdge R7725  
PowerEdge XE7745

Cutting-edge, adaptable and scalable with multiple configuration options to support diverse workloads. Five new servers feature future-looking technology to power workloads today and tomorrow.

### 3 Intelligent

Automate key management and optimize power, cooling and productivity to reduce costs, improve uptime and drive productivity. Dell OpenManage simplifies operations and reduces downtime with intuitive automation for effortless server discovery, deployment, monitoring, securing and updating.

[Learn More](#)

### 4 Cyber-resilient



Reinforce security with built-in protection, continuous monitoring, detection and timely mitigation, providing a secure foundation for cyber-resilient operations.

[Learn More](#)

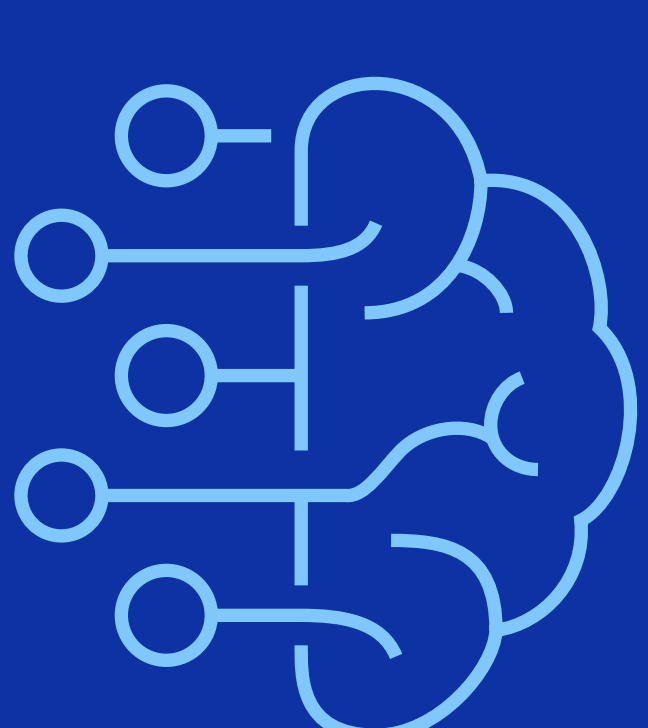
### 5 Sustainability

Enhanced data center sustainability through consolidation<sup>1</sup> to enable AI workloads and improve energy efficiency with management tools to optimize power consumption.



[Learn More](#)

## PowerEdge XE7745



Purpose-built for AI inferencing and model fine-tuning in the Enterprise.

- Flexible acceleration options with up to 8 DW or 16 SW PCIe 5.0 GPUs
- Dense PCIe expansion capacity with an additional 8 PCIe 5.0 slots for AI fabric network adapters
- Air-cooled 4U chassis and 600W GPU support simplifies deployment in data centers with low-latency proximity to inferencing endpoints.

- Industry-leading feature sets
- High-performance capabilities
- Modularity and simplicity using DC-MHS

- Advanced connectivity
- Versatile storage configurations
- Enhanced thermal management
- Efficient remote management



Experience peak productivity and efficiency with PowerEdge servers with AMD EPYC processors: **Purpose-built for current and future workloads.**

[Learn More](#)

<sup>1</sup> Dell Technologies internal testing, 7:1 server consolidation based on SPEC CPU scores comparing a server from 5 years ago (PowerEdge R740 with 8280 procs) to scores for PowerEdge R7725 with 9755 procs.

Copyright © 2024 Dell Inc. or its subsidiaries. All Rights Reserved. Dell and other trademarks are trademarks of Dell Inc. or its subsidiaries. AMD, the AMD Arrow logo, EPYC, and combinations thereof are trademarks of Advanced Micro Devices, Inc. Other trademarks may be the property of their respective owners. Published in the USA 09/24 Infographic

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