

Take Your Data Center to the Next Level

Refresh your IT infrastructure with Dell PowerEdge servers and AMD EPYC™ processors

Is your data center running on servers that are more than three years old?

You could be risking:

- › Spending more on administration and maintenance costs
- › Paying to power “zombie” servers that perform suboptimally or sit idle
- › Not supporting today’s demanding workloads, such as artificial intelligence (AI) and high-performance computing (HPC)
- › Creating excessively large carbon and energy footprints
- › Exposing users, data and systems to emerging cybersecurity threats

Lower your data center total cost of ownership (TCO), regardless of what installed server base you start from.

Refreshing to the latest-generation Dell PowerEdge servers and 4th Generation AMD EPYC processors can help you:

ACCELERATE PERFORMANCE



INCREASE EFFICIENCY

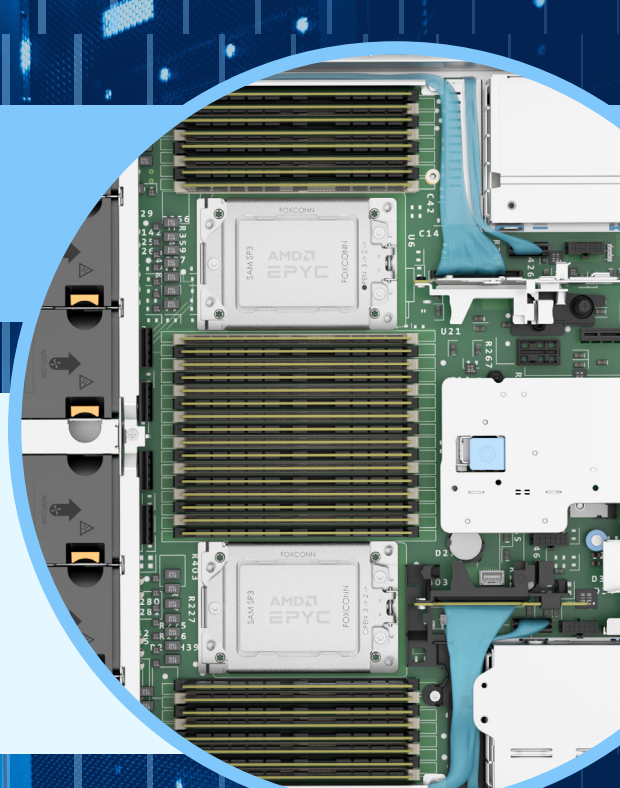


IMPROVE SECURITY



Accelerate performance for demanding AI and HPC applications.

Improve performance per core by up to 102% with 4th Gen AMD EPYC processors, compared to three-to-five-year-old x86 processors.¹



Increase efficiency with better power-performance, server consolidation and sustainable hardware.

Get up to 232% higher performance per watt and 93% higher performance per watt per core with 4th Gen AMD EPYC processors, compared to three-to-five-year-old x86 processors.¹

Pay up to 48% less with 4th Gen AMD EPYC processors, compared to three-to-five-year-old x86 processors.¹

Lower licensing costs by up to 40% through 5:1 server consolidation. Migrate the same number of virtual machines (VMs) from five servers with three-to-five-year-old x86 processors to one server with 4th Gen AMD EPYC processors.¹

Only PowerEdge servers are Silver-rated by the Global Electronics Council’s Electronic Product Environmental Assessment Tool (EPEAT).¹

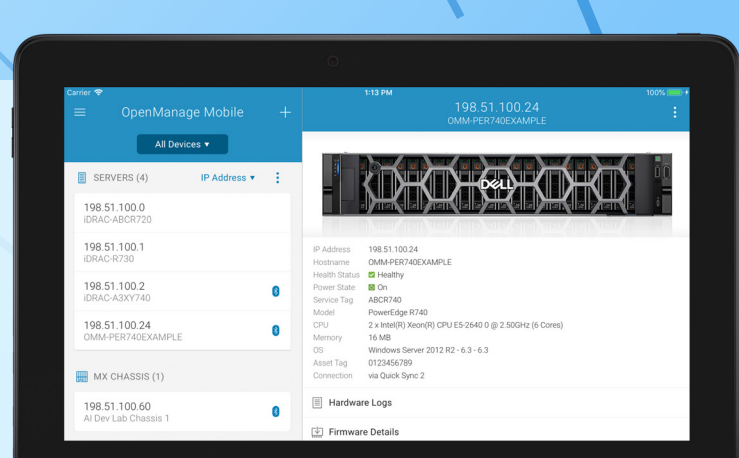
Improve security by taking a holistic approach that delivers multilayered, end-to-end protection for users, data and systems.

The integrated Dell Remote Access Controller (iDRAC) and Dell OpenManage Enterprise

management software allow you to implement security across your server platforms, from the core to the edge.

4th Gen AMD EPYC processors include AMD Infinity Guard,

a suite of advanced, hardened security technologies that work below the operating system (OS), application and hypervisor layers.



Drive innovation forward with Dell Technologies and AMD data center solutions.

Read the technical research study, [“Harness Increased Performance, Efficiency, and Lower TCO with Dell PowerEdge Powered by AMD.”](#)

Learn more about refreshing your data center by using [Dell Technologies solutions powered by AMD.](#)

Use the [Dell Live Optics](#) tool to estimate additional TCO savings and to determine which configurations work best for your workloads.

Contact us by visiting [Dell.com/servers/AMD.](#)

¹ Pwross Consulting, “Harness Increased Performance, Efficiency, and Lower TCO with Dell PowerEdge Powered by AMD.” Commissioned by Dell Technologies. August 2023.
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