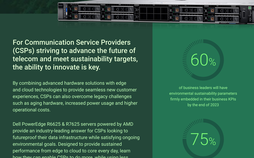
Do More, Use Less

Streamlined and Sustainable Data Centers



For Communication Service Providers (CSPs) striving to advance the future of telecom and meet sustainability targets, the ability to innovate is key.

By combining advanced hardware solutions with edge and cloud technologies to provide seamless new customer experiences, CSPs can also overcome legacy challenges such as aging hardware, increased power usage and higher operational costs.

Dell PowerEdge R6625 & R7625 servers powered by AMD provide an industry-leading answer for CSPs looking to futureproof their data infrastructure while satisfying ongoing environmental goals. Designed to provide sustained performance from edge to cloud to core every day, learn how they can enable CSPs to do more, while using less.

60%

of business leaders will have environmental sustainability parameters firmly embedded in their business KPIs by the end of 2023

75%

of major enterprises expect sustainability goals to be addressed in requests for information (RFI) by the end of 2023

45%

of business leaders consider sustainability to be "very important" for tech buying decisions by 2025

UPGRADE TO POWEREDGE / AMD EPYC CPUs

Leading-edge energy efficiency for your data center

Dell PowerEdge servers powered by 4th Gen AMD EPYC™ processors push the boundaries of what the modern data center can accomplish. Their leading-edge performance drives innovation for CSPs by:

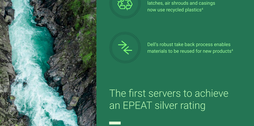
Accelerating data center efficiency through server consolidation

Addressing environmental goals and impacting total cost of ownership

Optimizing the deployment of 5G standalone core networks and other workloads

Combining 4th Gen AMD EPYC processors with Gen5 NVMe storage, the Dell PowerEdge R6625 & R7625 offer the performance, capacity and flexibility required to be the backbone of your data center.

- UP TO TWO AMD EPYC PROCESSORS
- UP TO 24 X DDR5 RDIMMS (6TB MAX)
- DENSE STORAGE OPTIONS WITH EDSFF E3.S NVME GENS
- PCIe GEN5 CAPABILITY
- NEXT GEN HW RAID (PERC12)
- NVME BOSS-N1
- OPTIMIZED MULTI-VECTOR COOLING 3.0 AND DIRECT LIQUID COOLING (DLC) OPTIONS
- ZERO TRUST SECURITY
- iDRAC9 SYSTEM MANAGEMENT



By choosing Dell PowerEdge servers operating on AMD EPYC processors, CSPs can meet or exceed their sustainability targets.

Dell Smart Cooling technology

Increases airflow to keep servers cooler and extend life of existing infrastructure[1]

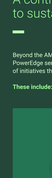
Multi-Vector Cooling 3.0 utilizes sensors and intelligent, adaptive algorithms to maintain consistent temperatures while conserving fan power[2]

"Low Z" optimized chassis directs air to where it's needed via integrated airflow pathways[3]

5x

The cooling capacity of air flow with the option for Direct Liquid Cooling – with Leak Sense technology that can be configured to take action following detection[4]

Reduces carbon footprint by using Dell OpenManage Power Manager to monitor and adjust sub-components in real time, sustaining optimum performance[5]



Produced from up to 35% recycled material

Internal components such as latches, air shrouds and casings now use recycled plastics[6]

Dell's robust take back process enables materials to be reused for new products[7]

The first servers to achieve an EPEAT silver rating

The Electronic Product Environmental Assessment Tool (EPEAT) ecolabel is the leading global Type I ecolabel for technology products

The EPEAT ecolabel assessed environmental performance criteria such as materials, supply chain greenhouse gas emissions, energy conservation and more

DELL AMD'S COMMITMENT TO SUSTAINABILITY

A continued commitment to sustainability

Beyond the AMD EPYC processors used within select Dell PowerEdge servers, Dell and AMD are committed to a range of initiatives that advance sustainable computing.

These include:

DELL Technologies

100%

For every product purchased by a customer, Dell will reuse or recycle an equivalent product[8]

100%

Packaging made from recycled or renewable materials by 2030[9]

More than

50%

Product content produced from recycled or renewable materials by 2030[9]

75%

Electricity from renewable sources across all Dell Technologies facilities by 2030 — and 100% by 2040[9]

AMD

together we advance_

50%

Reduction in GHG emissions from AMD operations (2020-2030)[10]

30x

Increase in energy efficiency for AMD CPUs + GPUs (2020-2025)[11]

80%

AMD manufacturing suppliers will source renewable energy by 2025[1]

100%

AMD manufacturing suppliers will have public GHG goals by 2025[1]

FIND OUT MORE

Rack server solutions that are better for CSPs – and the planet

Discover how today's CSPs are catalyzing the open telecom ecosystem – all whilst helping reduce their carbon footprint and costs – by using Dell PowerEdge servers powered by AMD EPYC processors:

Visit Dell Telecom Today

[1] 3 Reasons to Level up With PowerEdge and AMD EPYC Processors

[2] Integrated Dell Remote Access Controller 9 (iDRAC9 Version 3.30.30.30 User's Guide

[3] Dell Smart Cooling Technology Brochure

[4] Dell Data Center Power and Cooling Solutions

[5] Dell Smart Cooling Technologies Infographic

[6] Dell Technologies' Our 2023 Goals

[7] AMD Environmental Sustainability Overview