Sustainability on Dell PowerEdge Servers

Dell Technologies aims to create more sustainable products and services while also lowering operating costs.

IT sustainability

IT sustainability is the Dell PowerEdge server portfolio reflected in sustainability features that support energy-efficiency and system management tools to optimize energy consumption. Further recycled materials are selected for product design, and all products shipped with power-use data.

First Tier 1 vendor

Based on Dell analysis in May 2023 of Tier 1 server vendors offerings for systems and services.

Design features

Drive energy efficiency and infrastructure consolidation.

- Multi-vector cooling, fans, and thermal management capabilities are designed for your local climate (data center, edge, specialized environment).
- High-performance processors stay cool in hot and cold sites. The PowerEdge R7625 server can deliver up to 195°F/91°C operation.
- PowerEdge servers can operate in up to 131°F/55°C environments.
- Multi-vector cooling, liquid cooling, and thermal design deliver power-efficient operation.

Management tools

- Dell OpenManage Enterprise (OME) Power Manager and Dell OpenManage Enterprise (OME) Power Manager for servers are designed to optimize energy consumption, use recycled materials, and are validated by recognized eco labels.

Sustainable materials and eco labels

- We use recycled materials to make parts for new products.
- PowerEdge R750 has 12% recycled steel.
- PowerEdge servers are certified by EPEAT-registered and ENERGY STAR-certified servers than any other vendor.

Sustainability is a joint effort

By improving energy efficiency, reducing the environmental impact and lowering operational costs, PowerEdge servers can help support your business goals and create more sustainable products and services while also improving decision-making and improving overall power usage and track carbon emissions on your organization.

Learn more at
Dell.com/IT/Sustainability