



# Power. Planet. PowerEdge.

We made essential innovations in power, thermal, cooling and more to reduce the carbon footprint of Dell PowerEdge servers to ensure their high performance is matched by high sustainability!

There are few organisations these days that don't have sustainability goals built into their vision for the future. It comes as no surprise that Dell Technologies have set ambitious goals for sustainability as part of our Progress Made Real initiative.

For us, it starts with our products. When designing new products – including PowerEdge servers – we consider sustainability at every stage of their life cycle, from the initial concept to their use and eventual recycling.

Our ultimate goal is to ensure that PowerEdge servers can support your business growth while reducing their impact on the environment.

Let's have a look at how PowerEdge servers lead the way with 7 essential innovations:

1. **Improved Energy Efficiency:** Since 2011, we have improved the energy efficiency of our PowerEdge servers, reducing their energy intensity by 83%.\*
2. **Innovations in Thermal Cooling:** Improved air flow and lower fan speed contribute to reduced energy consumption.
3. **Advancement in Compute Power:** New Intel® processors generate more compute power per watt for boosted performance.
4. **Energy Consumption under Control:** The Dell EMC OpenManage Enterprise Power Manager tool allows you to control the energy efficiency of your PowerEdge servers, for better overall performance.
5. **Reducing Carbon Footprint:** By making PowerEdge servers more efficient and by optimizing production, distribution and end of life management, we've reduced their carbon footprint.
6. **Reducing Electronic Waste:** Our servers have a modular design and parts can be easily separated to simplify disposal.
7. **PowerEdge Server Design:** We design PowerEdge servers so that parts can be repaired, replaced or easily recycled.

We are committed to manufacturing our PowerEdge servers with the future in mind: Server technology and innovation can continue to advance and provide high performance in data centres, while simultaneously helping preserve our environment.

\*Based on Dell analysis of publicly available data, February 2021.