Reduce IT energy consumption

Power the future sustainably with Dell PowerEdge servers and 4th and 5th Gen Intel® Xeon® Scalable processors

Pushing the envelope on innovation requires servers designed to deliver more while consuming less energy. Together, Dell and Intel give you performance plus energy efficiency for modern workloads.

- Up to 10X higher performance per watt
- Up to 30% less energy required, with near-zero performance impact
- Up to 15% increase in energy efficiency via smarter fan design
- Up to 90% reduction in power required by fans via smart thermal controls

Innovations in air cooling:
Smart cooling technology

Sustainability for dense compute:
Direct liquid cooling

Powerful, sustainable computing:
Immersion cooling

Accelerate transformation and advance sustainability with servers built to power modern applications using less energy.

1 Based on performance per watt gains of 1.46x to 10.6x with 4th Gen Intel® Xeon® Scalable processors.
2 From John Jenne, ISG CTIO Power Strategist. Source: Dell Engineering.
3 Compared to Dell PowerEdge servers with 3rd Gen Intel® Xeon® Scalable processors. Source: Dell Engineering.
4 According to internal Dell modeling, server innovations in new Intel processors and built-in accelerators on a range of AI, database and networking workloads. See A19, A25, D1, D2, D5 and N16 at Intel.com/fast.
5 Results may vary.