

Smart modernisation with Dell PowerEdge and Intel® Xeon® 6

Your at-a-glance guide to the server refresh opportunity.



Is your infrastructure ready for what's next?

64%

of CEOs are worried about outdated IT¹

61%

of executives don't believe their IT is future-ready¹

33%

expected annual growth in AI-ready data centre demand to 2030¹

The cost of standing still

Holding on to ageing servers often costs more than replacing them.

- Bottlenecks as AI and data demands grow.
- Rising maintenance and operating costs.
- Security and compliance gaps.
- Limited room to scale.

Dell PowerEdge + Intel® Xeon® 6

More than 30 years of Dell and Intel innovation.

The PowerEdge line-up:
R470 | R570 | R670 | R770 | R770AP



Built for traditional workloads, web and app services, data analytics, AI inferencing and HPC.

Accelerate business outcomes

**Up to
3.35x**

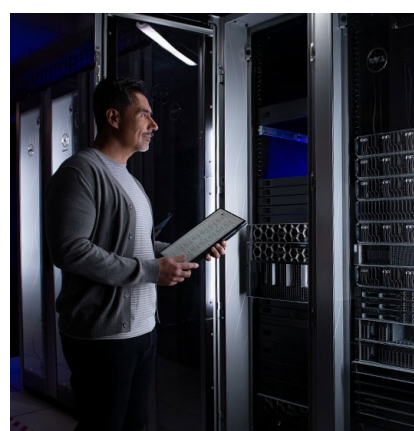
more performance with PowerEdge R770 vs its predecessor³

**Up to
67%**

more performance with PowerEdge R670 vs a PowerEdge R750⁴

**Up to
6x**

more cores per processor with PowerEdge R470 vs a PowerEdge R450⁵



Intel® Xeon® 6 flexibility

P-cores deliver high performance per core.

E-cores offer high core density and performance per watt.

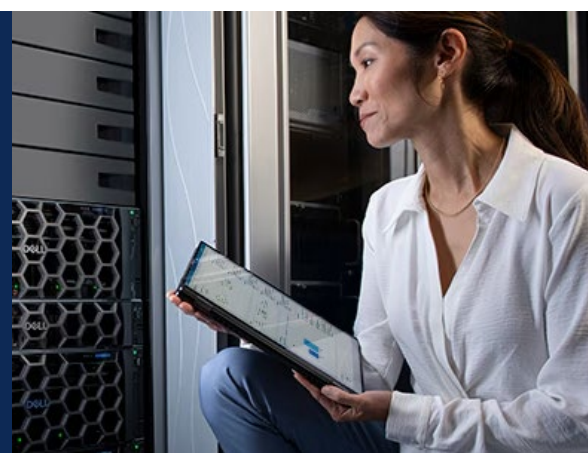
The result?

Workload-specific optimisation for AI, analytics, databases, web and microservices.

Why TD SYNnex?

We can help accelerate modernisation through:

- Solution design and architecture.
- AI and data centre expertise.
- Enablement and training.
- Financing and lifecycle services.
- Access to a complete technology ecosystem.



Modernise smarter

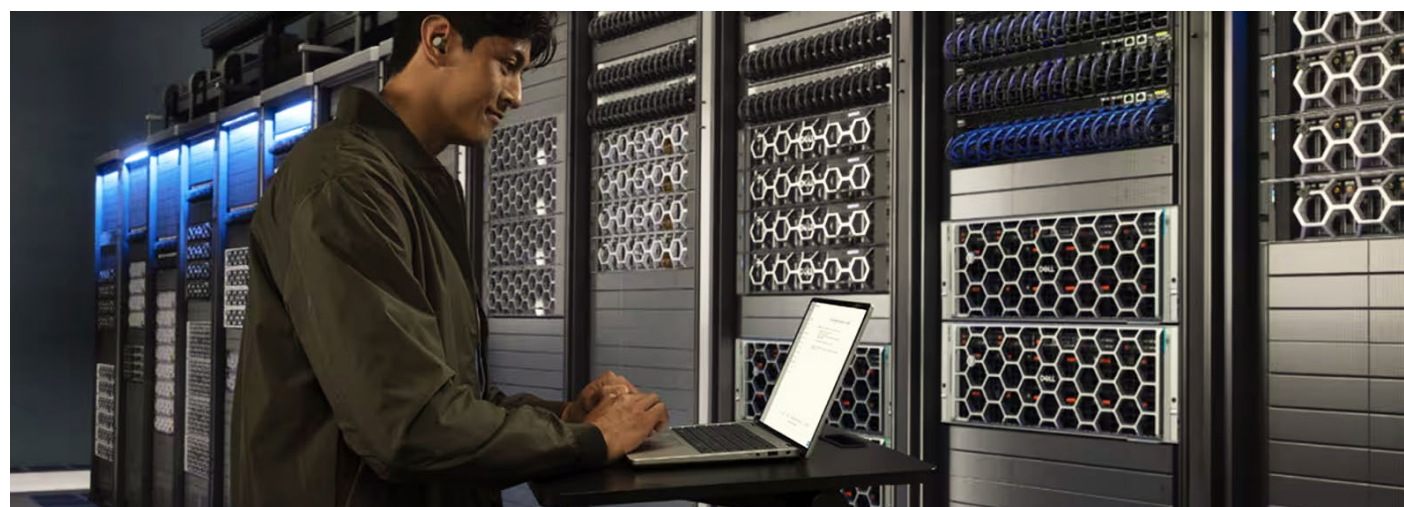
Reduce costs. Increase efficiency.

- Higher workload density.
- Lower energy and operating costs.
- Smart power and cooling technologies.
- Sustainability-focused design.

Powering innovation. Scaling tomorrow.

Help your customers modernise with:

- Dell PowerEdge servers
- Intel® Xeon® 6 processors
- TD SYNnex expertise



Start your modernisation journey today

Contact your TD SYNnex account manager to find out more.

¹ Kyndryl Readiness Report, October 2024.

² McKinsey & Company, AI power: Expanding data center capacity to meet growing demand, October 2024. Midrange scenario, 2023-2030.

³ Dell Technologies blog, Dell PowerEdge Servers: Unmatched Performance and Energy Efficiency, December 2024. Dell Labs testing, May 2024, with a PowerEdge R770 running two Intel® Xeon® 6780E processors. Actual performance will vary.

⁴ As above. Intel testing in Dell Labs, August 2024: a PowerEdge R670 with two Intel® Xeon® 6756E processors, compared with a PowerEdge R750 with two Intel® Xeon® 8380 processors. Actual performance will vary.

⁵ As above. Dell Labs, November 2024. The PowerEdge R470 supports up to 144 cores per processor, compared with 24 for the PowerEdge R450.