

Go Boldly Onward

Dell PowerEdge XE9680 Servers with Intel Gaudi 3 AI accelerators

The future, while uncertain, brings exciting possibilities, especially with advancements in artificial intelligence (AI), machine learning and deep learning (ML/DL) and generative AI (GenAI).

Test the limits of what you can do — and ultimately achieve — when you power these data-intensive workloads on **Dell PowerEdge XE9680 Servers** with **Intel® Gaudi® 3 AI accelerators**.

Together, let's move onward, confidently forge ahead and tap into your hidden potential.



No-compromise

AI infrastructure

Explore uncharted territory. The Dell leading eight-way platform is engineered to significantly enhance application performance for the most complex workloads.



Manage

large and complex models and data sets with an accelerator composed of large memory capacity and bandwidth.



Scale

performance to meet specific workload demands with eight OAM Intel Gaudi 3 AI accelerators.

Tailored to your needs

Design your system, your way.

Continue to grow and capture new market opportunities with a hardware foundation that is easily configured to meet today's requirements and tomorrow's promise.

Accelerated I/O throughput

No constraints — efficiently handle large data sets, train your models faster, minimize latency and scale freely.



Deploy

the latest generation technologies including DDR5, PCIe Gen 5.0 and NVMe® SSDs to push the boundaries of data flow and computing possibilities.

Top 5 reasons to choose Dell Technologies and Intel



Efficient networking

Integrated networking connects directly to an external accelerator fabric, without the need for external NICs — reducing complexity and total cost of ownership.

- PowerEdge servers include six integrated OSFP 800GbE ports.
- Every Intel Gaudi 3 accelerator has 24 integrated 24x200 GbE ports.



High scalability

Accommodate growth and generate efficiencies with highly scalable systems.

- Intel Gaudi 3 supports demanding GenAI workloads from 1 to 1000s of nodes.
- PowerEdge XE9680 servers support up to 32 DDR5 memory DIMM slots, up to eight U.2 drives.



Open software ecosystem

Simplify development with an open ecosystem and easy migration.

- Integrated open-source PyTorch® framework with optimized model library on Hugging Face®
- Migrate models on open software with as few as three lines of code.



Fast ROI

Highly performant PowerEdge XE9680 Servers with Intel Gaudi 3 AI accelerators enable businesses to expand AI and GenAI workloads while containing the costs of infrastructure.

- High scalability and efficiency help drive faster time to value and richer ROI.
- Comprehensive systems management simplifies IT tasks, allowing businesses to innovate.



Trusted partnership

Dell Technologies and Intel have been jointly serving the technology needs of valued customers for years. Count on us to journey with you, taking your business into the future with powerful, innovative solutions that advance your initiatives — and get you there faster.

Read our blog posts:

- [Agentic RAG solution powered by Dell PowerEdge and Intel Gaudi 3](#)
- [Enterprise AI Deployment with Dell PowerEdge and Intel Gaudi 3](#)



Confidently embrace the future

Push the boundaries of what you can do with AI. Venture onward and upward with Dell Technologies and Intel by your side.



Learn more at Dell.com/AI