



PRE-CONFIGURED BY ARC COMPUTE

Dell's NVIDIA HGX H100 GPU Server

PowerEdge XE9680

OVERVIEW

The Dell XE9680 6U server is Dell's first 8x GPU platform. It is engineered to significantly enhance application performance by driving the most complex GenAI, Machine Learning, Deep Learning (ML/DL) and High Performance Computing workloads (HPC). This server features up to 64-core 5th generation Intel Xeon processors and offers the highest GPU memory capacity and bandwidth currently available, making it capable of managing extremely large and complex models and datasets.

SYSTEM SPECIFICATIONS

Form Factor

- XE9680 6U rack server
 - Measurements: H 263mm x W 482mm x D 1008mm

GPU

NVLink interconnected

- 8x NVIDIA HGX H100 (80GB, 700W, SXM5) or
- 8x NVIDIA HGX H200 (141GB, 700W, SXM5)

Processors

- Dual Intel Xeon Scalable (5th Gen, up to 64 cores)
- Dual Intel Xeon Scalable (4th Gen, up to 56 cores)

System Memory

- 32x DDR5 DIMM slots, up to 4TB RDIMM (ECC)
- Up to 5600 MT/s (5th Gen) / 4800 MT/s (4th Gen)

Storage

- RAID: PERC H965i
- Boot: NVMe BOSS-N1 with 2x M.2 SSDs (HWRAID 1)
- Software RAID: S160

Warranty

- 3-Year Labour, 3-Year Parts, 1-Year Advanced Cross-Ship Under Limited Warranty
 - 3-Year On-Site NBD Service



PRIMARY USE CASES

- High Performance Computing
- AI/Deep Learning Training
- Industrial Automation
- Business Intelligence & Analytics
- Drug Discovery
- Climate and Weather Modeling
- Finance & Economics
- Healthcare

WORK WITH US

Expert Guidance: Our team specializes in AI, HPC, and data analytics and can tailor solutions to your exact needs.

Turnkey Deployment: We work with OEMs to streamline installation, configuration, and workload migration.

Superior Support: Global reach and top-tier customer service keep your systems running at peak performance.

