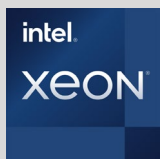


Accelerate Your HPC and AI Workloads

The Intel® Server D50DNP Family delivers breakthrough HPC and AI performance across the platform

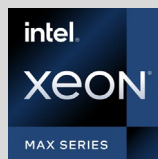


High-performance processing

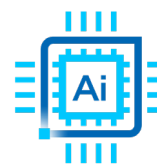


4th Gen Intel® Xeon® Scalable processors

Or



Intel® Xeon® CPU Max Series Integrated High Bandwidth Memory (HBM) delivers up to 1TB bandwidth



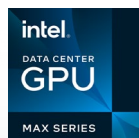
Built-in AI acceleration for deep learning training and inferencing



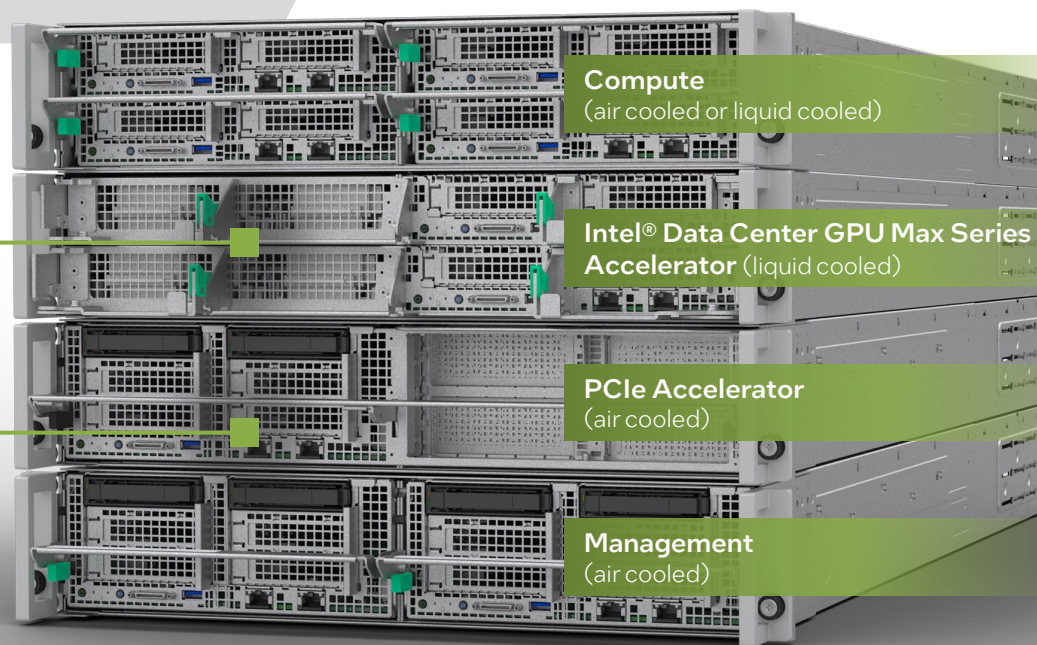
In-memory analytics acceleration built-in

High-density support for the latest HPC and AI accelerators

- Purpose-built for data center workloads
- Supports up to four Intel GPUs in a liquid-cooled 1U module (eight per 2U chassis)



- High-density PCIe accelerator module
- Supports up to four full-height, full-length, double-width PCIe 5.0 accelerators



Compute (air cooled or liquid cooled)

Intel® Data Center GPU Max Series Accelerator (liquid cooled)

PCIe Accelerator (air cooled)

Management (air cooled)

Ultra-fast memory and I/O to accelerate data movement

Supports DDR5 memory for 1.5x memory bandwidth vs. prior gen¹

Supports PCIe 5.0 for 2x I/O performance vs. prior gen²

Supports Compute Express Link (CXL) 1.1 for ultra-high-speed processor-to-device and processor-to-memory connectivity

Learn more on the web: [intel.com/server-system-D50DNP](https://www.intel.com/server-system-D50DNP)

1. DDR5 memory for 1.5x memory bandwidth versus DDR4 memory compares 4th Gen Intel® Xeon® Scalable processor with 8 channels of DDR5 at up to 4800 MT/s for 1 DIMM per channel (1 DPC) vs. 3rd Gen Intel® Xeon® Scalable processor with 8 channels of DDR4 at 3200 MT/s for 2 DIMMs per channel (2 DPC).
2. 2x I/O performance versus previous generation compares PCIe 5.0 at 32 GT/s transfer rate vs. PCIe 4.0 at 16 GT/s.
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