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**

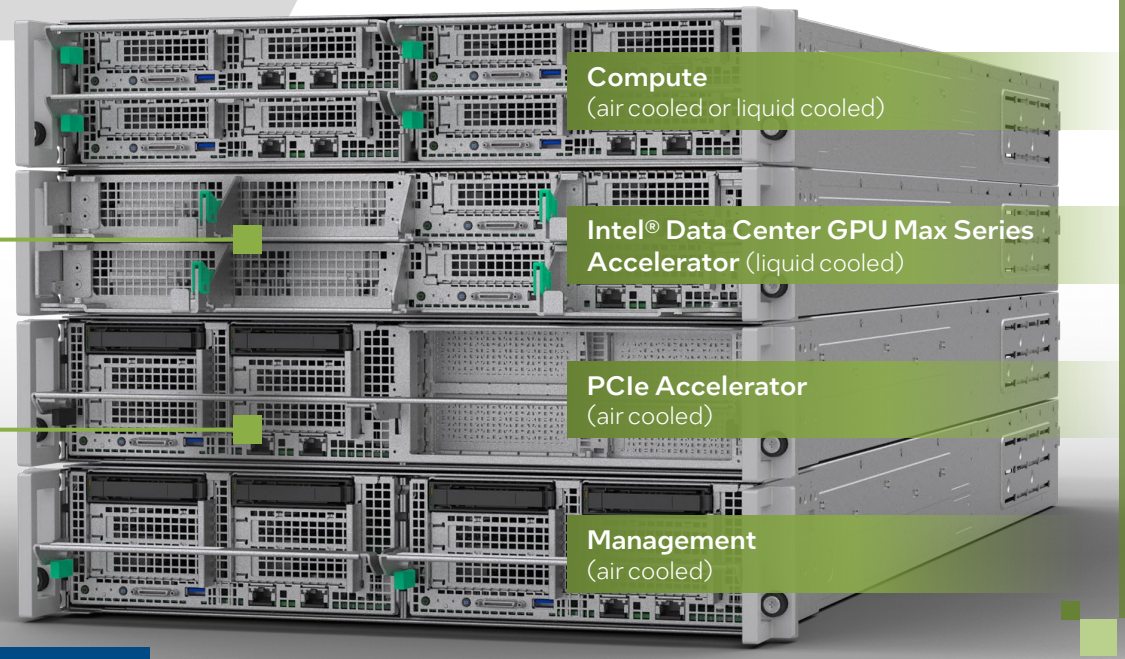
Built-in **AI acceleration** for deep learning training and inferencing

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



Learn more on the web: intel.com/server-system-D50DNP

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

Supports DDR5 memory for 1.5x memory bandwidth vs. prior gen[1]

Supports PCIe 5.0 for 2x I/O performance vs. prior gen[2]

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

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.

Performance varies by use, configuration, and other factors. Your costs and results may vary. Learn more at www.Intel.com/PerformanceIndex. Intel technologies may require enabled hardware, software, or service activation. No product or component can be absolutely secure. All product plans and roadmaps are subject to change without notice. Code names are used by Intel to identify products, technologies, or services that are in development and not publicly available. These are not "commercial" names and not intended to function as trademarks.