

Accelerate Your HPC and AI Workloads

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

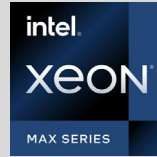


High-performance processing

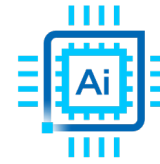


4/5th Gen Intel® Xeon® Scalable processors

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



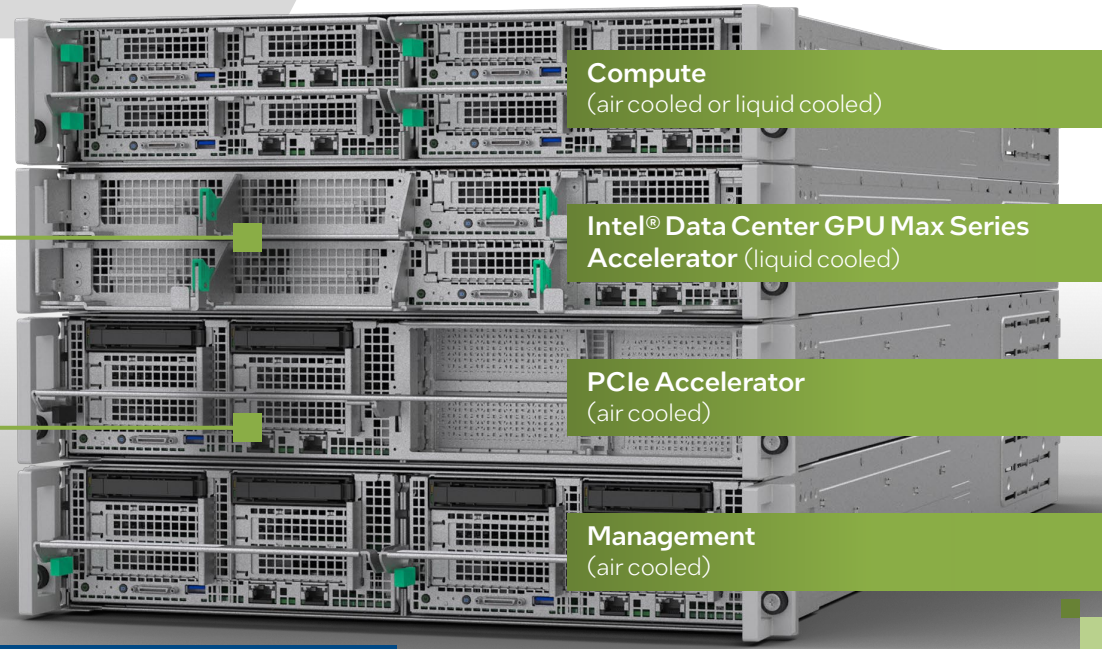
In-memory analytics acceleration built-in

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



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



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



Supports PCI 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: datacentersolutions.mitacmct.com/Intel-Server-D50DNP-Family

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 PCI 5.0 at 32 GT/s transfer rate vs. PCI 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.
© Intel Corporation. Intel, the Intel logo, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.