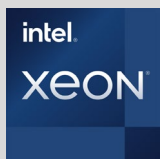# Accelerate Your HPC and AI Workloads

intel

The Intel® Server D50DNP Family delivers breakthrough HPC and AI performance across the platform
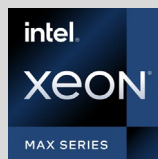
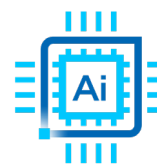## High-performance processing

intel XEON

4th Gen Intel® Xeon® Scalable processors

Or

intel XEON MAX SERIES

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

Ai

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

In-memory analytics acceleration built-in

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

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)**

intel DATA CENTER GPU MAX SERIES
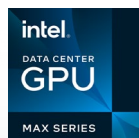
- **High-density PCIe accelerator module**
- **Supports up to four full-height, full-length, double-width PCIe 5.0 accelerators**
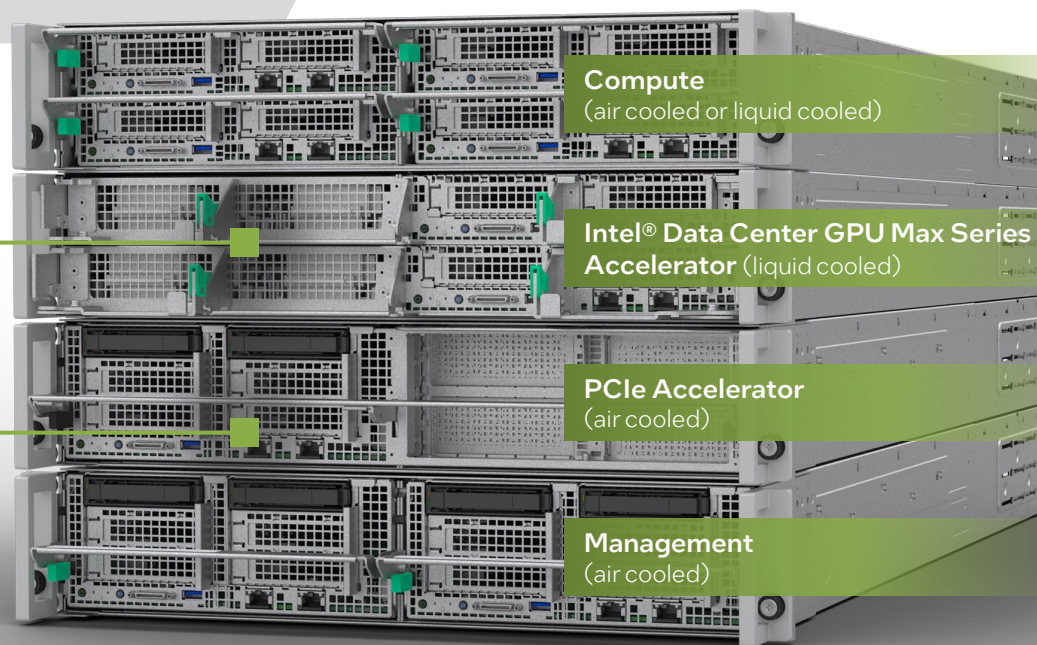
Compute (air cooled or liquid cooled)

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

PCIe Accelerator (air cooled)

Management (air cooled)

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