

GPGPU platform

Delta Sprut XL

GPGPU platform based on the latest Intel® Xeon® 6 processors with the ability to install up to 20 NVIDIA H200 accelerators or up to 25 NVIDIA RTX PRO 6000 SE accelerators

The platform is designed for deploying inference and training artificial intelligence (AI) models, as well as for solving highly complex tasks in the fields of high-performance computing and scientific modeling (HPC)



Features:

- Capacity for up to 20 NVIDIA H200 or up to 25 NVIDIA RTX PRO 6000 SE
- Scalability thanks to platform modularity
- Significant performance increase through optional combination of every 4 accelerators via NVLink
- Up to 172 productive Granite Rapids P-cores or 288 energy-efficient Sierra Forest E-cores
- Up to 8 TB of DDR5 RAM up to 6400 MT/s
- Support for MCR DIMM memory with frequencies up to 8000 MT/s
- Up to 8 x 7mm U2 PCIe Gen5 NVMe SSDs
- Extensive monitoring and management functionality in Delta BMC software

Processor	2x Intel® Xeon® 6 Granite Rapids, up to 350W or 2x Intel® Xeon® 6 Sierra Forest, up to 330W
RAM	Up to 32 DDR5 RDIMMs up to 6400 MT/s or up to 32x MRDIMM up to 8000 MT/s
Storage	Up to 2x SSD M2.2280 PCIe NVMe Up to 8x 2.5" U.2 7mm PCIe Gen5 NVMe SSDs or Up to 4 x 2.5" U.2 15mm PCIe Gen5 NVMe SSDs
External slots of the server module	1x PCIe Gen5 OCP 3.0 4x PCIe Gen5 x16 HHHL
External slots of the graphics module	6x PCIe Gen5 x16 FHFL
Supported graphics adapters	Up to 20 NVIDIA H200/H100 or up to 25x NVIDIA RTX PRO 6000 SE Ability to combine 4 GPUs (H200) or 2 GPUs (H100) via NVLink in a single graphics module Heat dissipation up to 600 W per installed GPU adapter
Interconnect bus	PCIe x16 Gen 5
External connectors on the front panel of the server module	1x USB-A 3.0 1x miniDP 1x RJ-45 Gigabit Ethernet 10/100/1000 Mbps (Remote connection to the management system (Delta BMC) and operating system via a single port)
External connectors on the front panel of the graphics module	1x RJ-45 Console connector 1x USB-C Service Connector
Power supply	From centralized OCP busbar, 12V or from centralized OCP busbar, 48V
Embedded software	Delta BIOS Delta BMC
Device size type	Up to 16 OU