

High-end server Delta Spider

Modular server platform with support for up to 8 4th generation Intel® Xeon® Scalable Family processors

Platform specifically designed to run critical software solutions such as BI, ERP, SAP, CRM, in-memory databases, and mission-critical systems



Features:

- Up to 480 Sapphire Rapids cores
- Up to 32 TB of DDR5 RAM
- Up to 34 7mm U2 NVMe disks for hot data storage
- Hybrid cooling system allows for the highest performance processors up to 385W
- Ability to connect up to 24pcs PCIe Gen5 HHHL adapters
- Extensive monitoring and control functionality in the Delta BMC system

Module	Spider L	Spider XL
Number of computing modules	4 pcs.	8 pcs.
Processor	4x Intel® Xeon® Scalable Family 4th Generation (Sapphire Rapids), TDP up to 385W	8x Intel® Xeon® Scalable Family 4th Generation (Sapphire Rapids), TDP up to 385W
RAM	Up to 64x DIMM DDR5 4800MT/s	Up to 128x DIMM DDR5 4800MHz/4400MT/s
Data storage in computing Modules	Up to 16x SSD 2,5" U.2 7mm NVMe or up to 8x SSD 2,5" U.2 15mm NVMe	Up to 32x SSD 2,5" U.2 7mm NVMe or up to 16x SSD 2,5" U.2 15mm NVMe
Data storage in the control module	Up to 2x 2,5" U.2 7mm NVMe	Up to 2x 2,5" U.2 7mm NVMe
Expansion slots	12x PCIe Gen5 x16 5 HHHL	24x PCIe Gen5 x16 5 HHHL
Device size	70U	130U
Embedded interfaces in the control module	1x RJ-45 Gigabit Ethernet 10/100/1000 Mbit/s (Possibility of remote connection to the control system (Delta BMC) and operating system via a single port) 2x USB 3.0 1x VGA 1x miniDP 1x USB Type-C service connector	
Cooling system	Delta Hybrid Cooling «Hot swap» of cooling fans N+1 cooling fan redundancy system	
Power supply	From 12V OCP centralized busbar	
Embedded software	Delta BIOS Delta BMC	