DELTA COMPUTERS

DELTA **SPIDER**

Modular server platform supporting up to 8 processors Intel® Xeon® Scalable Family 4th generation

The platform is designed to support high-load BI, ERP, and CRM systems, in-memory databases, and mission-critical applications

Features:

- Up to 480 Sapphire Rapids cores
- Operational memory up to 32 TB DDR5
- Up to 34 7mm U2 NVMe drives for hot data storage
- The hybrid cooling system allows the use of the most powerful processors up to 385W
- Capability to connect up to 24 PCIe Gen5 HHHL adapters
- Extensive monitoring and control functionality in the Delta BMC system
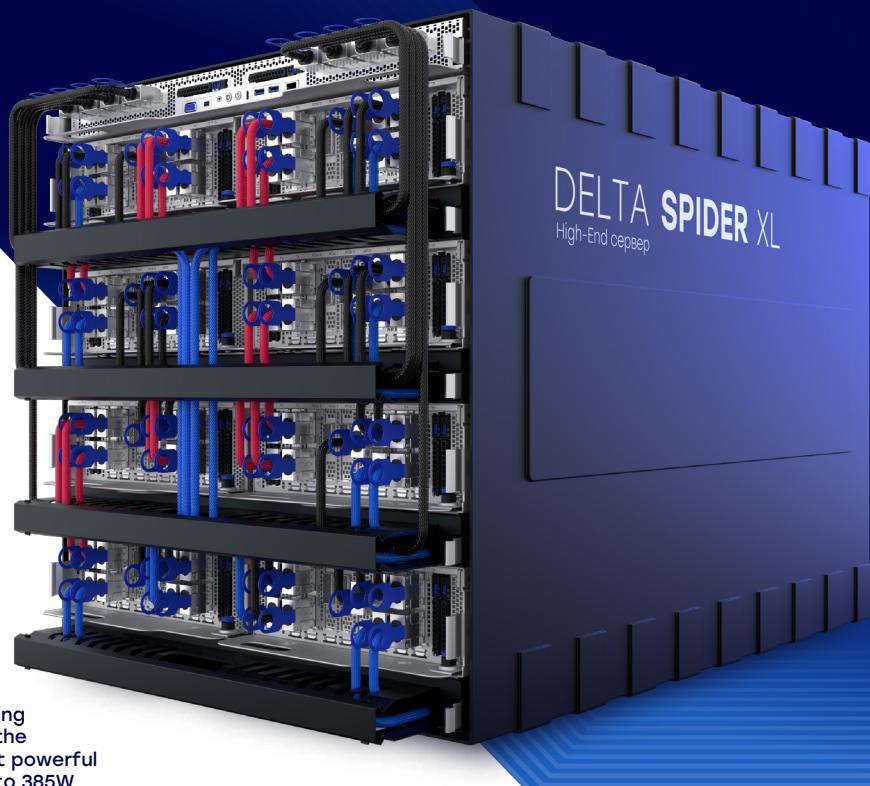
Module	Spider L	Spider XL
Number of computing modules	4 pcs.	8 pcs.
Processor	4x Intel® Xeon® Scalable Family 4th generation (Sapphire Rapids), TDP up to 385W	8x Intel® Xeon® Scalable Family 4th generation (Sapphire Rapids), TDP up to 385W
RAM	Up to 64x DIMM DDR5 4800 MT/c	Up to 128x DIMM DDR5 4800 MT/c
Data storage in computing modules	Up to 16x SSD 2,5" U.2 7мм NVMe or Up to 8x SSD 2,5" U.2 15мм NVMe	Up to 32x SSD 2,5" U.2 7мм NVMe or Up to 16x SSD 2,5" U.2 15мм NVMe
Data storage in the control module	Up to 2x 2,5" U.2 7мм NVMe	Up to 2x 2,5" U.2 7мм NVMe
Expansion slots	12x PCIe Gen5 x16 HHHL	24x PCIe Gen5 x16 HHHL
Device size	7OU	13OU
Built-in interfaces in the control module	2x USB 3.0 1x RJ-45 Gigabit Ethernet 10/100/1000 Мбит/с 1x VGA 1x miniDP 1x USB Type-C service connector	
Cooling system	Delta Hybrid Cooling Hot swapping of cooling fans N+1 cooling fan redundancy system	
Power supply	From centralized OCP busbar, 12V	
Embedded software	Delta BIOS, Delta BMC	

Минпромторг России

Composition:
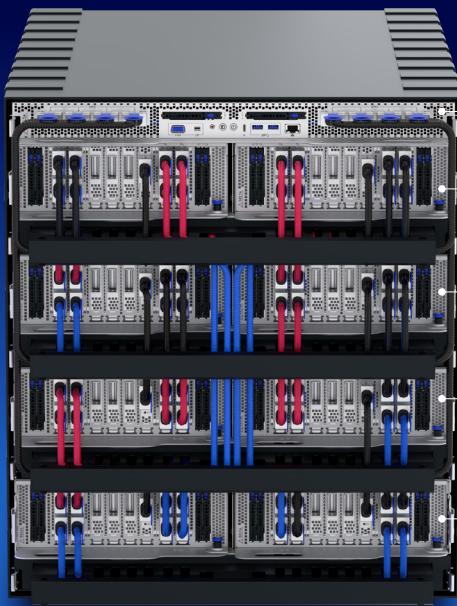
Master Node

CPU node

Other products:

Server chassis

Data storage
systems

High-End server

GPGPU platform

Data storage
infrastructure

Basic data center
infrastructure

Computing
infrastructure

Infrastructure for
AI and HPC Delta

DELTA GUEPARD

DELTA SPIDER XL

DELTA SPRUT S

DELTA GUEPARD S4

DELTA AKTURU 2

Delta Spider

Delta Sprut

PCIe switch

Server

Server

Delta Firebird

DELTA GUEPARD S4

Delta Serval

Delta Tioga Pass

Network
infrastructure

Delta Guepard

Delta Dragonfly

Delta Akturu

Ethernet-switch

+7 495 621 00 12   info@DeltaComputers.ru   deltacomputers.ru