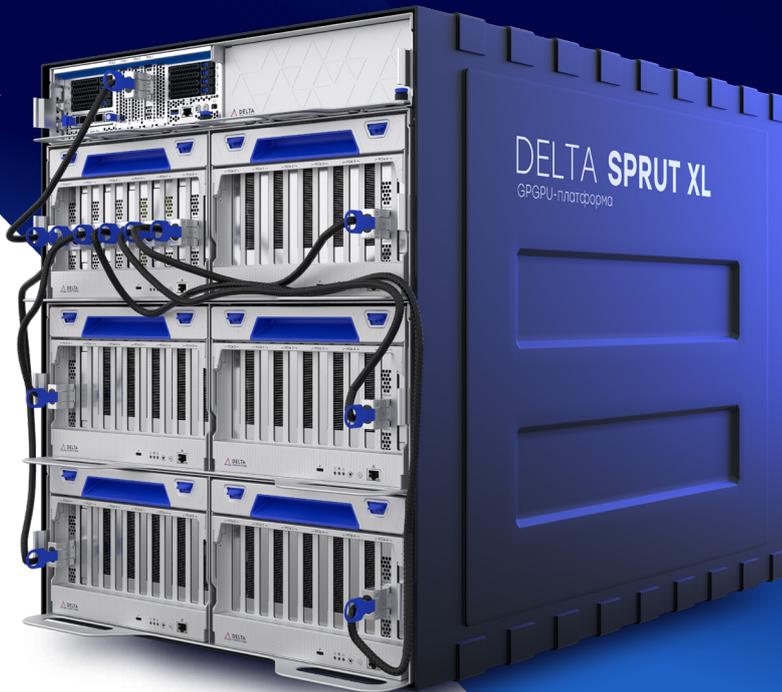# DELTA COMPUTERS

DELTA **SPRUT** XL

GPGPU-платформа

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
- ▸ Up to 172 productive Granite Rapids P-cores or 288 energy-efficient Sierra Forest E-cores
- ▸ Significant performance increase through optional combination of every 4 accelerators via NVLink
- ▸ Up to 8 TB of DDR5 RAM up to 6400 MT/s
- ▸ Support for MCR DIMM memory with frequencies up to 8000 MT/s
- ▸ Scalability thanks to platform modularity
- ▸ 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 350Вт or 2x Intel® Xeon® 6 Sierra Forest, up to 330W
RAM	Up to 32x DDR5 RDIMM up to 6400 MT/s or 32x MRDIMM up to 8000 MT/s
Storage	Up to 2x SSD M2.2280 PCIe NVMe Up to 8x SSD 2,5" U.2 7мм PCIe Gen5 NVMe or up to 4x SSD 2,5" U.2 15мм PCIe Gen5 NVMe
External slots of the server module	1x PCIe Gen5 OCP 3.0 4x PCIe Gen5 x16 HHHL
External slots of graph. module	6x PCIe Gen5 x16 FHFL
Supported graphics adapters	Up to 20x 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 Mbit/s (Remote connection to the control 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

Appearance:

5x PCIe Gen5 x16

1x PCIe Gen5 x16

Other products:

High-End server

GPGPU platform

Data storage systems

Server chassis

Computing infrastructure

Infrastructure for AI and HPC Delta

Data storage infrastructure

Basic data center infrastructure

DELTA SPIDER XL

DELTA SPRUT S

DELTA GUEPARD 1A

DELTA GUEPARD SM

DELTA GUEPARD SA

DELTA AKTURU 2

Delta Spider

Delta Sprut

PCIe switch

Server

Server

Delta Serval

Delta Tioga Pass

Delta Firebird

Network infrastructure

Delta Dragonfly

Delta Guepard

Delta Akturu

Ethernet-switch