DELTA COMPUTERS

DELTA **SPRUT** 4

GPGPU platform

GPGPU platform with the ability to connect up to 8 FHFL graphics adapters via high-speed PCIe Gen 4 interconnect

Using Delta Sprut allows you to solve tasks related to artificial intelligence, building infrastructure for 3D VDI, machine learning, resource-intensive computing, and big data analysis

Features:

- Capacity to install up to eight FHFL (NVIDIA A100/H100 or AMD Instinct) or up to twenty HHFL (NVIDIA L4/A10) GPUs
- Increased performance with optional GPU pairing via NVLink
- High-speed data transfer via the modern PCIe Gen4 bus
- Up to 128 Emerald Rapids cores
- The maximum RAM capacity of 8TB DDR5 allows for the processing of large amounts of data
- Up to eight U2 PCIe 5.0 NVMe drives for hot data storage
- Extensive monitoring and management functionality in Delta BMC software

Processor	2x Intel® Xeon® Scalable Emerald Rapids 5th generation, up to 385W or 2x Intel® Xeon® Scalable Sapphire Rapids 4th generation, up to 350W
RAM	Up to 32x DIMM DDR5 up to 5600 MT/s
Storage	Up to 8x 2,5” U.2 7мм PCIe 5.0 NVMe SSD or Up to 4x 2,5” U.2 15мм PCIe 5.0 NVMe SSD
External connectors on the front panel	1x USB 3.0 1x mini-VGA 1x RJ-45 Gigabit Ethernet 10/100/1000 Mbit/s (Possibility of remote connection to the management system (Delta BMC) and operating system via a single RJ-45 port)
Interconnect bus	PCIe x16 Gen 4
Max. number and size PCIe adapters	1x PCIe 5.0 OCP 3.0 2x PCIe 5.0 x16 HHHL; 1x PCIe 5.0 x16 HHHL, 2x PCIe 5.0 x8 HHHL in various configurations Up to 16x PCIe x16 HHFL or Up to 8x PCIe x16 FHFL Ability to pair GPUs via NVLink Heat dissipation up to 350 W per installed GPU adapter
Power supply	From centralized OCP busbar, 12V
Embedded software	Delta BIOS Delta BMC
Device size type	Up to 6OU

The manufacturer has the right to make changes to the technical characteristics, names, appearance and configuration of the product without prior notice. Please check the specifications with our managers before placing an order.

Минпромторг России

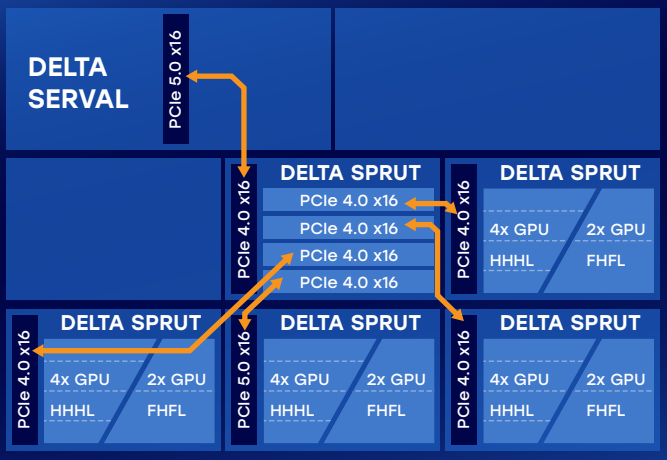
Appearance:

1x PCIe Gen4 x16 или 2x PCIe Gen4 x8

2x PCIe Gen4 x16 или 4x PCIe x16

Main usage scenarios:

AI, machine learning, HPC, and simulation



1x Server, 5x Delta Sprut (1x switching, up to 5 computing), cascade connection

Modeling

1x Server,
1x Delta Sprut

Other products:

Computing infrastructure

The server equipment lineup includes both modern general-purpose servers for standard usage scenarios and advanced multiprocessor high-end platforms for running in-memory databases and critical software solutions such as BI, ERP, SAP, and CRM.

Data storage infrastructure

The Delta Guepard line of data storage systems solves a wide variety of tasks: from working with backup systems (SRK) to supporting high-load transactional systems.
The platforms meet modern standards of reliability, scalability, and performance thanks to the use of advanced technologies, such as support for high-speed NVMe Gen5 drives.

Infrastructure for AI and HPC

The line is designed to solve problems in the fields of artificial intelligence (AI), machine learning (ML), modeling, 3D VDI infrastructure, and scientific modeling (HPC). The modular architecture allows you to create high-performance integrated solutions with record accelerator density.

Network infrastructure

Modern high-performance Whitebox platforms for building ready-made software and hardware complexes.

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