DELTA COMPUTERS

DELTA **MARLIN**

High-speed disk system

High-density disk system
with support for NVMe drives
and high-speed PCIe Gen5 interconnect

The platform is designed for use as part of an enterprise-level storage system for storing hot data with high exchange speeds and low latency

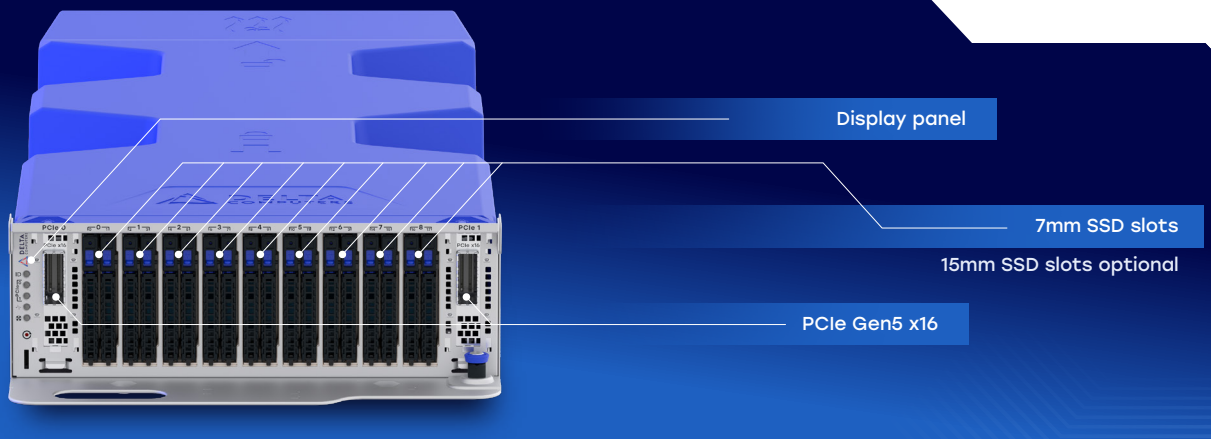
Features:

- Support for dual-controller storage scenarios thanks to dual-port mode drive operation
- Variability 18 pcs. 7 mm discs or 9 pcs. 15 mm discs in one storage unit
- High density thanks to the ability to install up to 36 hot-swappable drives in a 2OU module
- Support for the latest PCIe Gen5 protocol provides maximum data transfer speeds of up to 128GB/s
- Ability to use an additional PCIe Gen5 HHHL slot for installing network cards or GPUs
- Extensive monitoring and control functionality in the Delta BMC system

Кол. отсеков для SSD в одном блоке хранения	Up to 18x U.2 NVMe SSD 7mm or Up to 9x U.2 NVMe SSD 15mm
SSD type	2,5” U2 NVMe
Data transmission interface	PCIe Gen5
Maximum data exchange speed with the server	For connection via PCIe Gen5 x16 - 128 GB/s
Connectors for PCIe expansion cards expansion cards	2x PCIe Gen5 x16 HHHL
Zoning	Up to 2 hosts
Number of cooling fans in a 2OU module	6 pcs. N+1 redundancy system
Power supply	From centralized OCP busbar, 12V
Embedded software	Delta BMC
Device size type	21” 2OU
Assembled weight	Up to 35,1 kg

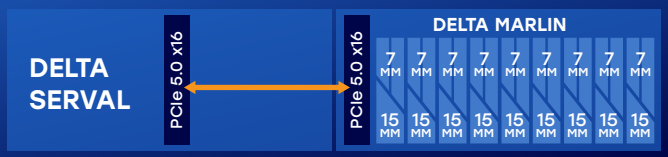
Минпромторг России

Appearance:



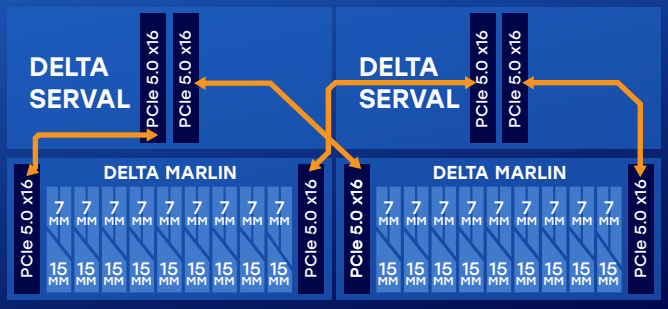
Main usage scenarios:

Standard, disk space expansion



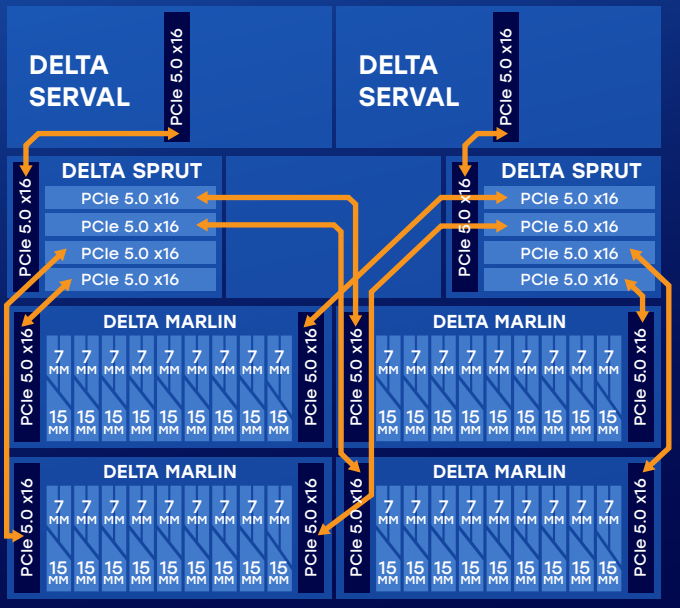
1x Delta Serval
1x Delta Marlin

Data storage system, up to 36 disks



2x Delta Serval
2x Delta Marlin

Data storage system, up to 72 disks



1x Server
1x Delta Sprut
4x Delta Marlin (up to 72 7mm discs or up to 36 15mm discs)

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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