

Disk system Delta Marlin

High-density disk system with NVMe storage support and with interconnect over high-speed PCIe Gen5 interface

The platform is designed to be used as part of Enterprise-level storage for storing hot data with high exchange rate and low latency



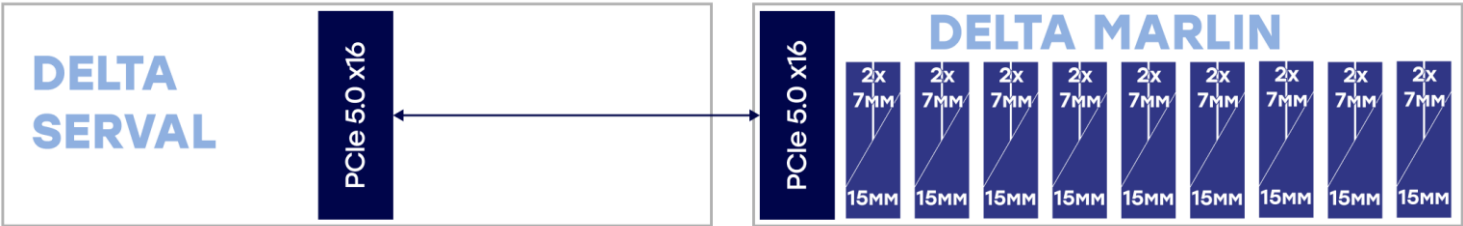
Specifics:

- Support for dual-controller storage scenario thanks to Dual-port mode of drive operation
- Installation variability: 18pcs 7mm disks or 9pcs 15mm disks in one storage unit
- High density with up to 36 hot-swappable drives in a 2OU module
- Support for modern PCIe Gen5 protocol provides up to 128GB/s maximum data transfer rate
- Optional PCIe Gen5 HHHL slot for network cards or GPU
- Extensive monitoring and control functionality in the Delta BMC

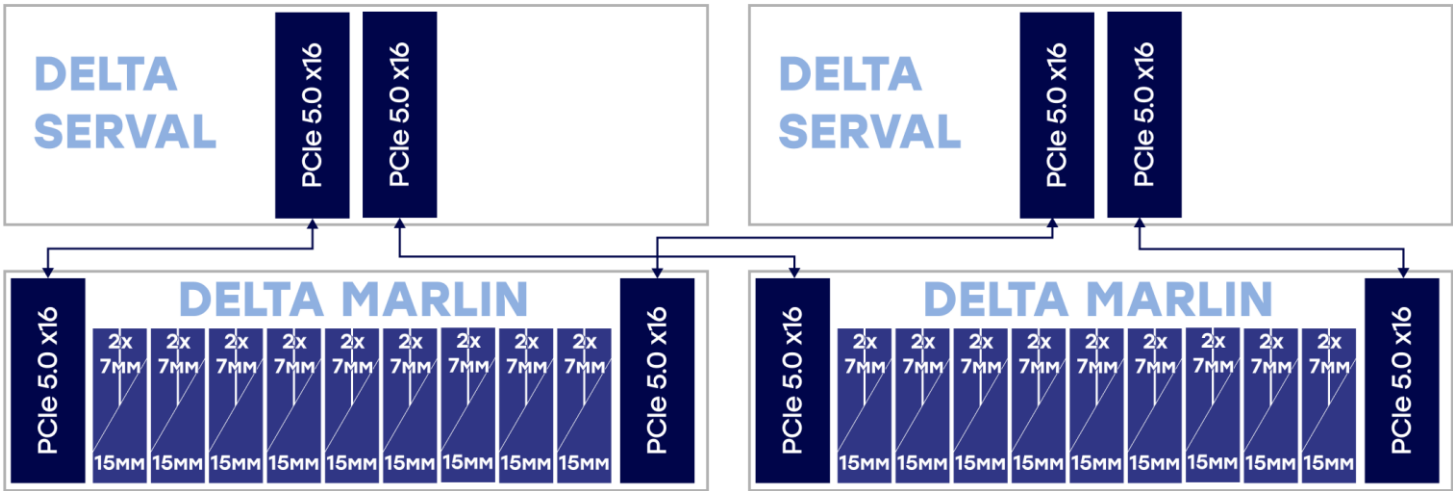
Number of SSD bays per storage unit	Up to 18x 7mm 2,5" U2- disks or Up to 9x 15mm 2,5" U2- disks
SSD type	2,5" U2 NVMe
Data bus interface	PCIe Gen5
Maximum communication speed with the server	for PCIe Gen5 x16 connection - 128 Gb/s
Connectors for PCIe expansion cards	2x PCIe Gen5 x16 HHHL
Zoning	Up to 2 hosts
Number of cooling fans in the module	6 pcs Redundancy system N+1
Power supply	From 12V OCP centralized busbar
Embedded software	Delta BMC
Type of device size Complete weight	21" 2OU, Up to 35,1 kg

Basic connection scenarios:

Standard, disk space expansion
1xDelta Serval 1x block Delta Marlin



Storage system, up to 36 disks
2xDelta Serval 2x blocks Delta Marlin



Storage system, up to 72 disks
2xDelta Serval 2x Delta Sprut 4x blocks Delta Marlin

