

Data storage system Delta Guepard

High-performance All-flash Enterprise-level storage system based on NVMe drives

Using advanced technologies, Delta Guepard maximizes the performance of storage infrastructure, such as virtual machines, and accelerates data transfer and analysis processes



Features:

- Up to 72 NVMe drives with hot-swap support
- Total capacity up to 552 TB of data
- Maximum performance - 3 000 000 IOPS
- Supported protocols: Fibre Channel, iSCSI and InfiniBand
- Automatically exclude the slowest disks from the read process to preserve RAID performance
- Recognizing sequential data blocks in multiple concurrent threads and moving them “ahead of time” into the cache to improve performance
- Identify and restore to the disk only the data that has changed while the disk was not in the system
- Extensive monitoring and control functionality in the Delta BMC and Delta Sokol system

Form factor	4U	6U/8U
Capacity	Up to 276TB on NVMe disks	Up to 552 TB on NVMe disks
Storage	18x 15mm U.2 NVMe or 36x 7mm U.2 NVMe	36x 15mm U.2 NVMe or 72x 7mm U.2 NVMe
Number of controllers	Up to 2pcs. Active-Active mode	
Supported RAID levels	RAID 0/1/5/6/10/50/60/70	
Supported file protocols	SMB v2/v3, NFS v3/v4, AFP, FTP	
Supported protocols	Fibre Channel; iSCSI; InfiniBand (FDR, QDR, DDR, EDR)	
Power supply	From 12V OCP centralized busbar	
Cooling system	N+1 cooling fan redundancy system	
Embedded software	Delta BMC	