

KEY FEATURES

ROBUST STORAGE SOFTWARE

- Optimized for maximum performance and I/O efficiency
- Fully compliant with industry standards
- NVMe-oF support (V1.4)
- NVMe-oE TCP
- Block storage protocol support
- High performance raw and durable volumes
- Erasure coding @ line rate of 800 Gbps
- Compression and decompression @ line rate of 800 Gbps; GZIP, DEFLATE, ZLIB, and LZMA support
- /R/V/O/H/V/V/E/R/P/S/U/H/V/L/R/Q/R/I/B/(L/O/H/V/L/O/H/ size reduction)
- Virtualized secure multi-tenant support
- REST API and Container Storage Interface (CSI)
- GUI for provisioning and management tasks with smart placement
- IPMI
- 5HGILVK

BREAKTHROUGH PERFORMANCE

- 15M IOPS read (random 4KB)
- 6M IOPS write (random 4KB)
- +10µs read latency compared to DAS
- 60 GB/s read (random 4KB)
- 24 GB/s write (random 4KB)
- Up to 1.2 Tbps network connectivity
- Full line rate compression, crypto and erasure coding accelerators with the Fungible DPU

BUILT-IN SECURITY

- End-to-end encryption with per volume key
- Secure enclave
- Physically unclonable function
- Encryption in motion and at rest
- % LOW/EQ/LQH/DWH/DHZDOO

PHYSICAL

- Support for up to 24x U.2 NVMe-oF SSD bays with raw capacity options of 46, 92 and 184 TB per FS1600 node
- H x W x D: 3.5" (88 mm) x 17.4" (440 mm) x 30.6" (776 mm)
- Weight: 43.4 lb (20 Kg) without SSDs
- Rack unit: 2RU
- Power input/supply: (Redundant) 2 x 1500 W AC to DC power-factor-corrected (PFC), Universal Input Voltage Range: 90-246 VAC
- Power usage: 750 W/node (typical) , 850 W/node (peak)
- Network: 12 x 100 Gb/s Ethernet ports
- Management: 1 x 1/10 Gb/s Ethernet port, 1 x 1Gb/s Ethernet IPMI/BMC port

ABOUT FUNGIBLE

Silicon Valley-based Fungible is reimagining the performance, economics, reliability, security and agility of today's data centers.

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