storbyte

Model: SBS-460

Key Features:
- 4U Storage Server Array with 60 Hot-Swappable Drive Bays (Hybrid SSD and HDD Compatible)
- Up to 1.2PB RAW Storage Capacity at over 12GB/s Bandwidth
- Utilizes Enterprise Grade SSD, HDD, or a Hybrid Blend of both storage drive technologies
- Hardware Defined Storage for Future Proof Upgrades and Convenience

SPECIFICATIONS:

Processor	Dual Intel® Xeon® SP Skylake CPUs with processor core count options per application
Throughput	12.8 GB/s bandwidth
RAM Memory	8x DIMMs DDR4 RDIMM/RDIMM
Expansion Slots	Support up to total 6 PCIe slots; 3 PCIe3 x8; 1 PCIe3 x16, 1 PCIe3 x4, 1 PCIe2 x4
Architecture	Two 48 port SAS Expander 6 SFF8643 24 port SAS To HBA/RAID
Drive Support	60x 3.5" SAS/SATA Storage Drives (Hot-Swap) 2x 2.5" 7mm OS Storage Drives (Internal) 4x U.2 NVMe Storage Drives (Optional)
Network	Dual GbE ports, 1x GbE dediated for IPMI
Power Supply	PSU REDUNDANCY OPTIONS INCLUDES: 2 +2 1600W (4@800W each) AC/DC redundant 1 +1 1600W (2@1600W each) AC/DC redundant 2+1 1600W (3@800W each) AC/DC redundant or optional DC input available upon request
Supports Legacy Systems	Open Systems Architecture Interoperable Open Protocol Compliant

Supported File Systems	Storbyte Javelin, IBM GPFS, ZFS, LUSTRE, CEPH, GLUSTER, EOFS, QUOBYTE, StorONE, Windows 208 & 2012 R2, RHEL 6.5, SLES 11 SP3, VMWare ESXi 5.5, FreeBSD 9.2 Centos 6.5 and many others!
Front Panel	Power On/OFF with LED, reset Switch, NMI switch, Locate Switch with LED, 2xLAN LED, Warning LED
Rear I/O	2x USB 2.0 ports, 1x USB 3.0 ports, 1x VGA port, 1x COM port, 1 TPM Header, 2x GbE ports
Fan Cooling	5x 97mm Enterprise Grade Exhaust Blower
Other Features	Patented Tool-Less & Tray-Less Storage Bay Design
Weight	Gross: 69 KG/152 LBS; Net: 60 KG/132 LBS
Dimension	System: 36.5" x 19" x 7" (LxWxH) Packaging: 47.6" x 24.8" x 13.6" (LxWxH)
Design/Assembled	Washington DC / USA
Environmental	Operating Temperature: 0°C to 35°C Non-Operating Temperature: -20°C to 70°C Humidity: 5% to 95% non-condensing
Compliance	CE, FCC Class A, RoHS 6/6 compliant

SPECIFICATION NUMBER:

SBS-460   **STORBYTE 4U STORAGE ARRAY WITH 60x ENTERPRISE GRADE DRIVE BAYS**

- Data Center/ Cloud & Virtualization
- Big Data Clustered Storage
- Enterprise VDI Scaleout Servers
- Hadoop and Scale Out storage