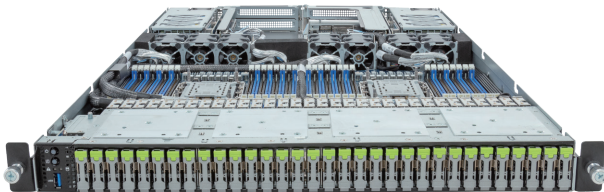


S183-SH0-AAJ1

Storage Server - 1U DP 32-Bay E1.S NVMe



Features

- Dual 5th/4th Gen Intel® Xeon® Scalable Processors
- Dual Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM, 32 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 32 x E1.S NVMe hot-swappable bays
- 2 x M.2 slots with PCIe Gen3 x4 or SATA interface
- 3 x FHHL PCIe Gen5 x16 and x8 slots
- Compatible with SupremeRAID™ by Graid Technology
- 1+1 2000W 80 PLUS Titanium redundant power supplies

Specification

Dimensions	1U (W438 x H43.5 x D730 mm)	Backplane Board	N/A
Motherboard	MSH3-ES0	TPM	1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)
CPU	5th/4th Generation Intel® Xeon® Scalable Processors Intel® Xeon® CPU Max Series Dual processor, TDP up to 350W	Power Supply	1+1 2000W 80 PLUS Titanium redundant power supplies AC Input: 100-240V
Socket	2 x LGA 4677 (Socket E)	System Management	ASPEED® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Chipset	Intel® C741 Chipset	OS Compatibility	Windows Server 2019 / 2022 RHEL 8.6 / 8.7 / 8.8 / 8.9 / 8.10 / 9.0 / 9.1 / 9.2 / 9.3 / 9.4 SLES 15 SP4 / SP5 / SP6 Ubuntu 22.04 / 22.04.1 / 22.04.2 / 22.04.3 / 22.04.4 / 24.04 LTS VMware ESXi 7.0 Update 3a / 8.0 Update 1, Update 2, Update 3 Citrix Hypervisor 8.2 LTSR CU1
Memory	32 x DIMM slots, 8-Channel DDR5 memory RDIMM up to 96GB; 3DS RDIMM up to 256GB Memory speed: Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC)	System Fans	7 x 40x40x56mm (32,000rpm)
LAN	2 x 1Gb/s LAN ports (1 x Intel® I350-AM2) - Supported NCSI 1 x 10/100/1000 management LAN	Operating Properties	Operating temperature: 10°C to 35°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Video	ASPEED® AST2600 Integrated 2D Graphic Adapter	Packaging Content	1 x S183-SH0-AAJ1, 2 x CPU heatsinks, 6 x Carrier clips, 1 x Mini-DP to D-Sub cable, 1 x 2-Section Rail kit Packaging Dimensions: 985 x 588 x 250 mm
Storage	32 x 9.5mm E1.S NVMe hot-swappable bays 2 x M.2 slots (M-key, PCIe Gen3 x4 or SATA, supports 2280/22110)	Part Numbers	Barebone package (5th/4th Gen): 6NS183SH0DR000ABJ1* Barebone package (4th Gen): 6NS183SH0DR000AAJ1* - Motherboard: 9MSH3ES0UR-000 - 2-Section Rail kit (CMA not supported): 25HB2-3A0202-K0R - CPU heatsink: 25ST1-4Z3200-S7R - Mini-DP to D-Sub cable: 25CRN-200801-K1R - Power supply: 25EP0-22000K-L0S - RAID card (SR-1000-FD32): 25FC1-SRBUN0-AFS (Optional) - RAID card (SR-1010-FD32): 25FC1-SRBUN4-AFR (Optional)
RAID	Optional compatible RAID Cards: NVMe/NVMe-oF RAID Cards with SupremeRAID™ by Graid RAID Card models: SR-1000-FD32, SR-1010-FD32 Support RAID 0/1/5/6/10		
Expansion Slots	1 x PCIe x16 (Gen5 x16) FHHL slot 1 x PCIe x16 (Gen5 x16 or x8) FHHL slot 1 x PCIe x16 (Gen5 x0 or x8) FHHL slot		
I/O Ports	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN Internal: 2 x SATA connectors (for SATA DOM), 1 x TPM header, 1 x VROC connector		



Learn more at <https://www.GIGABYTE.com/enterprise>

Designed by



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