GIGABYTE™
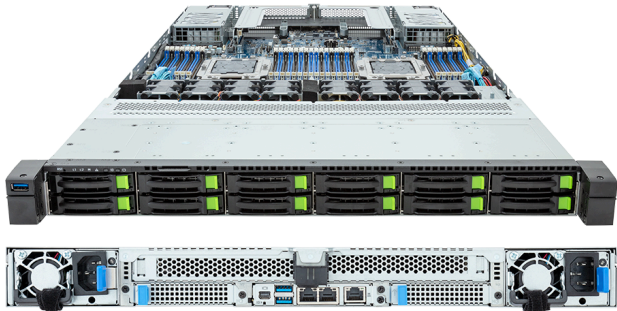
R183-P92-AAJ1

Rack Arm Server - 1U DP 12-Bay Gen5 NVMe/SATA/SAS-4 Titanium

Key Features

- Dual AmpereOne® Family Processors
- 8-Channel DDR5 RDIMM, 32 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 12 x 2.5" Gen5 NVMe/SATA/SAS hot-swap bays
- 1 x M.2 slot with PCIe Gen5 x4 interface
- 2 x FHHL PCIe Gen5 x16 slots
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- 1+1 2000W 80 PLUS Titanium redundant power supplies

Applications

Networks Server, Servers for Hybrid/Private Cloud...

Specification

Dimensions	1U (W438 x H43.5 x D815 mm)	PCIe Expansion Slots	2 x FHHL PCIe Gen5 x16 2 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI
Motherboard	MP93-FS0	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
CPU	AmpereOne® Family Processors Dual processor, TDP up to 400W		
OS Compatibility	OS Support List	Backplane Board	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
Socket	2 x LGA 5964	TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM010
Chipset	System on Chip	Power Supply	1+1 2000W 80 PLUS Titanium redundant power supplies AC Input: 100-240V
Memory	8-Channel DDR5 RDIMM, 32 x DIMMs Up to 5200 MT/s, 4400 MT/s (2R 2DPC)	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
LAN	2 x 1Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mbps Management LAN	System Fans	8 x 40x40x56mm
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Operating Properties	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Storage	**Front hot-swap:** 12 x 2.5" Gen5 NVMe/SATA/**SAS-4** [1] **Internal M.2:** 1 x M.2 (2242/2260/2280/22110), PCIe Gen5 x4 [1] SAS card is required to support SAS drives.	Packaging Content	1 x R183-P92-AAJ1 2 x CPU heatsinks 1 x Mini-DP to D-Sub cable 2 x Carriers 1 x 2-Section Rail kit
RAID	Require RAID add-in cards	Ordering Part Numbers	6NR183P92DR000ABJ1*
		Optional Parts	- 3-Section Rail kit (Supports CMA): 25HB2-A56121-K0R - Cable Management Arm: 25HB1-R18300-K0R