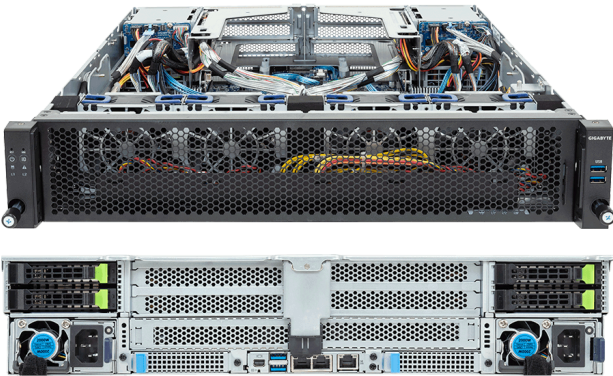


E284-S90-AAJ1

Edge Server - Intel® Xeon® 6700/6500-Series Processors -
2U DP 4-Bay Gen5 NVMe/SATA/SAS-4



Key Features

- Dual Intel® Xeon® 6700/6500-Series Processors
- 8-Channel DDR5 RDIMM/MRDIMM per CPU with 32 x DIMMs
- 2 x 1 Gb/s LAN ports via Intel® I350-AM2
- 4 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays on the rear side
- 2 x M.2 slots with PCIe Gen5 x4
- 6 x FHHL PCIe x16 slots with Gen5 x16 lanes
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- 1+1 2000 W 80 PLUS Titanium redundant power supplies

Applications

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

Specification

Dimensions	2U (W438 x H87.5 x D625 mm)	PCIe Expansion Slots	6 x FHHL x16 (Gen5 x16) 2 x OCP NIC 3.0 (Gen5 x16), Support NCSI
Motherboard	MS94-FS0	I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6700-Series Processors - Intel® Xeon® 6500-Series Processors Dual processors, TDP up to 300 W - At 25°C ambient, TDP up to 350 W	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM012 1 x PRoT connector (only enabled on RoT SKU)
OS Compatibility	OS Support List	Power Supply	1+1 2000 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V
Socket	2 x LGA 4710 (Socket E2)	System Fans	4 x 80x80x38mm
Chipset	System on Chip	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)
Memory	8-Channel DDR5 RDIMM/MRDIMM, 32 x DIMMs [RDIMM] Up to 6400 MT/s (1DPC), 6000 MT/s (2DPC) [MRDIMM] Up to 8000 MT/s ^[1] ^[1] MRDIMMs are supported only on select Intel® Xeon® 6 processors with P-cores and only in a 1DPC configuration.	Packaging Content	1 x E284-S90-AAJ1 2 x CPU heatsinks 1 x Mini-DP to D-Sub cable 4 x Carriers
LAN	2 x 1 Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	Ordering Part Numbers	6NE284S90DR000AAJ1*
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Optional Parts	- 2-Section Rail kit (660-840mm): 25HB2-3A0203-K0R
Storage	Rear hot-swap: 4 x 2.5" Gen5 NVMe/SATA/SAS-4 ^[1] Internal M.2: 2 x M.2 (2280/22110), PCIe Gen5 x4 1 x M.2 (2280), PCIe Gen5 x2, occupied for SATA ^[1] SAS card is required to support SAS drives.		



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