GIGABYTE™

E143-E30-AAG1

Edge Server - AMD EPYC™ 8005/8004 Server Processors - 1U UP 2-Bay Gen5 NVMe/SATA/SAS-4 Titanium PSU

Key Features

- Single AMD EPYC™ 8005/8004 Server Processors
- 6-Channel DDR5 RDIMM per CPU with 12 x DIMMs
- 1 x 1 Gb/s LAN port via Intel® I210-AT
- 2 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 1 x M.2 slot with PCIe Gen3 x4
- 2 x FHHL PCIe x16 slots with Gen5 x16 lanes
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- 1+1 800 W 80 PLUS Titanium redundant power supplies

Applications

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

Specification

Dimensions	1U (W438 x H43.5 x D520 mm)
Motherboard	ME33-DC0
CPU	AMD EPYC™ 8005 Server Processors AMD EPYC™ 8004 Server Processors Single processor, cTDP up to 225 W
OS Compatibility	OS Support List
Socket	1 x LGA 4844 (Socket SP6)
Chipset	System on Chip
Memory	6-Channel DDR5 RDIMM, 12 x DIMMs [EPYC 8005] Up to 6400 MT/s (1DPC), 5200 MT/s (2DPC) [EPYC 8004] Up to 4800 MT/s (1DPC), 3600 MT/s (2DPC)
LAN	1 x 1 Gb/s LAN (1 x Intel® I210-AT), Supports NCSI 1 x 10/100/1000 Mb/s Management LAN
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP
Storage	**Front hot-swap:** 2 x 2.5" Gen5 NVMe/SATA/**SAS-4** [1] **Internal M.2:** 1 x M.2 (2280/22110), PCIe Gen3 x4 [1] SAS card is required to support SAS drives.
RAID	Require RAID add-in cards
PCIe Expansion Slots	2 x FHHL x16 (Gen5 x16) 2 x OCP NIC 3.0 (Gen5 x16), Support NCSI
I/O Ports	**Front:** 1 x USB 3.2 Gen1 **Rear:** 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x RJ45, 1 x MLAN
Backplane Board	PCIe Gen5 x4 or SATA 6 Gb/s or SAS-4 24 Gb/s
TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Power Supply	1+1 800 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V
System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
System Fans	5 x 40x40x56mm
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)
Packaging Content	1 x E143-E30-AAG1 1 x CPU heatsink 1 x Mini-DP to D-Sub cable
Ordering Part Numbers	6NE143E30DR000ABG1*
Optional Parts	- 2-Section Rail kit (385-480mm): 25HB2-3A0204-K0R **(MOQ: 500)** - 2-Section Rail kit (660-840mm): 25HB2-3A0203-K0R

Learn more at: https://www.gigabyte.com/Enterprise

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