GIGABYTE™

H233-Z80-AAN1

High Density Server - 2U 2-Node DP 4 x PCIe Gen5 GPUs 2600W



Key Features

- Supports up to 4 x Dual slot Gen5 GPUs
- 2U 2-node rear access server system
- Dual AMD EPYC™ 9004 Series Processors per node
- 12-Channel DDR5 RDIMM, 24 x DIMMs per node
- Dual ROM Architecture
- 4 x 1Gb/s LAN ports via Intel® I350-AM2
- 4 x 2.5" Gen4 NVMe hot-swap bays
- 4 x FHFL PCIe Gen5 x16 slots for GPUs
- 2 x LP PCIe Gen5 x16 slots
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- Dual 2600W 80 PLUS Titanium redundant power supply

Applications

AI Platform, AI Training Server, AI Inference Server, High-Performance Computing Server, High Converged Server, Servers for Hybrid/Private Cloud...

Specification

Dimensions	2U 2-Node - Rear access (W440 x H87.5 x D877 mm)
Motherboard	MZ83-HD0
CPU	AMD EPYC™ 9005 Series Processors AMD EPYC™ 9004 Series Processors Dual processor per node, cTDP up to 240W
OS Compatibility	OS Support List
Socket	4 x LGA 6096 (Socket SP5)
Chipset	System on Chip
Memory	12-Channel DDR5 RDIMM, 48 x DIMMs Up to 4800 MT/s
LAN	4 x 1Gb/s LAN (2 x Intel® I350-AM2), Support NCSI 2 x 10/100/1000 Mbps Management LAN
Video	Integrated in ASPEED® AST2600 x 2 - 2 x Mini-DP
Storage	**Front hot-swap:** 4 x 2.5" Gen4 NVMe
RAID	Require RAID add-in cards

PCIe Expansion Slots	4 x FHFL PCIe Gen5 x16, for GPUs 2 x LP PCIe Gen5 x16 2 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI
I/O Ports	**Front:** 1 x CMC status LED, 1 x CMC reset button **Rear:** 4 x USB 3.2 Gen1, 2 x Mini-DP, 4 x RJ45, 2 x MLAN
Backplane Board	PCIe Gen4 x4
TPM	2 x TPM headers (SPI), Optional TPM2.0 kit: CTM010
Power Supply	Dual 2600W 80 PLUS Titanium redundant power supply AC Input: 100-240V *The system power supply requires C19 power cord.
System Management	ASPEED® AST2600 Baseboard Management Controller ASPEED® AST2520 Chassis Management Controller GIGABYTE Management Console web interface
System Fans	4 x 80x80x80mm (16,500rpm)
Operating Properties	Operating: 10°C to 30°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Packaging Content	1 x H233-Z80-AAN1 4 x CPU heatsinks 1 x Mini-DP to D-Sub cable 4 x GPU power cables (CPU 8pin, 400mm) 1 x 3-Section Rail kit
Ordering Part Numbers	6NH233Z80DR000ABN1*

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

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