GIGABYTE™

R123-C00-AA01

Rack Server - AMD EPYC™ 4005/4004 & Ryzen™ 9000/7000 Series Processors - 1U, UP, 4-Bay SATA



Key Features

- Single AMD EPYC™ 4005/4004 & Ryzen™ 9000/7000 Series processors
- Dual Channel DDR5 ECC/Non-ECC UDIMM per CPU with 4 x DIMMs
- 2 x 1 Gb/s LAN ports via Broadcom® BCM5720
- 4 x 3.5"/2.5" SATA hot-swap bays
- 1 x M.2 slot with PCIe Gen4 x4
- 1 x FHHL PCIe x16 slot with Gen5 x16 lanes
- 2 x LP PCIe x4 slots with Gen4 x4 lanes
- Single 400 W 80 PLUS Gold power supply

Applications

Networks Server...

Specification

Dimensions	1U (W430 x H43.5 x D536 mm)
Motherboard	MC03-CE0
CPU	AMD EPYC™ 4005 Server processors AMD EPYC™ 4004 Server processors AMD Ryzen™ 9000 Series processors AMD Ryzen™ 7000 Series processors Single processor, TDP up to 105 W
Socket	1 x AM5
Chipset	AMD B650E
Memory	Dual-Channel DDR5 ECC/Non-ECC UDIMM, 4 x DIMMs [EPYC 4005/Ryzen 9000] Up to 5600 MT/s (1DPC), 3600 MT/s (2DPC) [EPYC 4004/Ryzen 7000] Up to 5200 MT/s (1DPC), 3600 MT/s (2DPC)
LAN	2 x 1 Gb/s LAN (1 x Broadcom® BCM5720), Support NCSI 1 x 10/100/1000 Mb/s Management LAN
Video	Integrated in ASPEED® AST2600 - 1 x VGA port
Storage	**Front hot-swap:** 4 x 3.5"/2.5" SATA [1] **Internal M.2:** 1 x M.2 (2242/2280), PCIe Gen4 x4 [1] SATA supported only.
RAID	RAID 0/1/10
PCIe Expansion Slots	1 x FHHL x16 (Gen5 x16) [1] 2 x LP x4 (Gen4 x4) [1] Please select 500 W power supply for 75 W GPU support.
I/O Ports	**Front:** 2 x USB 3.2 Gen1 **Rear:** 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN
Backplane Board	SATA 6 Gb/s
TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Power Supply	Single 400 W 80 PLUS Gold power supply AC Input: 100-240 V
System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
System Fans	6 x 40x40x28mm
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 R123-C00-AA01 1 x CPU heatsink 1 x 2-Section Rail kit
Ordering Part Numbers	6NR123C00DR000AC01*
Optional Parts	- Power supply (500 W): 25EP0-20500D-F3S

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

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