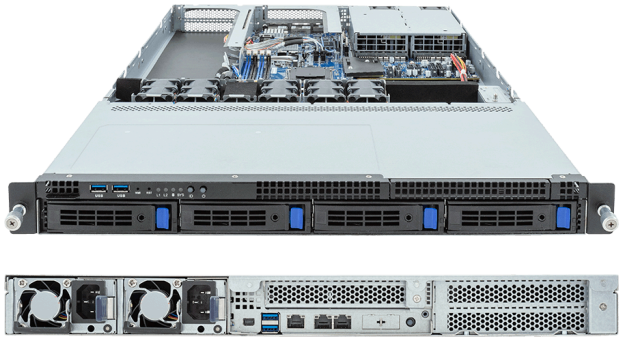
GIGABYTE™

R133-C13-AAB1

Rack Server - AMD EPYC™ 4005/4004 & Ryzen™ 9000/7000 Series Processors - 1U, UP, 1 x PCIe Gen5 GPU, Platinum



Key Features

- Supports 1 x dual-slot PCIe Gen5 GPU
- 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 FHFL PCIe x16 slot with Gen5 x16 lanes for GPUs
- 1 x FHHL PCIe x4 slot with Gen4 x4 lanes
- 1+1 800 W 80 PLUS Platinum redundant power supplies

Applications

Networks Server...

Specification

Dimensions	1U (W438 x H43.5 x D710 mm)
Motherboard	MC13-BL1
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 170 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 Mini-DP
Storage	**Front hot-swap:** 4 x 3.5"/2.5" SATA [1] **Internal M.2:** 1 x M.2 (2280/22110), PCIe Gen4 x4 [1] SATA supported only.
RAID	RAID 0/1/10 Support optional RAID add-in cards

PCIe Expansion Slots	1 x FHFL x16 (Gen5 x16), for GPUs [1] 1 x FHHL x4 (Gen4 x4) [1] Supports GPUs up to 300 W.
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
TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Power Supply	1+1 800 W 80 PLUS Platinum 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 30°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Packaging Content	1 x R133-C13-AAB1 1 x CPU heatsink 1 x Mini-DP to D-Sub cable 1 x GPU power cable (2x PCIe 8pin, 700 mm) 1 x 2-Section Rail kit
Ordering Part Numbers	6NR133C13MR000ACB1*
Optional Parts	- 3-Section Rail kit: 25HB2-A56120-K0R - Cable Management Arm: 25HBZ-R18100-K0R

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

* All specifications are subject to change without notice. Please visit our website for the latest information.
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