

R133-C13-AAB1

Rack Server - 1U UP 1 x PCIe Gen5 GPU Platinum



Key Features

- Supports 1 x Dual slot Gen5 GPU
- Single AMD EPYC™ 4005/4004 & Ryzen™ 9000/7000 Series Processors
- Dual Channel DDR5 ECC/Non-ECC UDIMM, 4 x DIMMs
- 2 x 1Gb/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 interface
- 1 x FHFL PCIe Gen5 x16 slot for GPUs
- 1 x FHHL PCIe Gen4 x4 slot
- 1+1 800W 80 PLUS Platinum redundant power supplies

Applications

Networks Server...

Specification

Dimensions	1U (W438 x H43.5 x D710 mm)	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
Motherboard	MC13-BL1	Backplane Board	SATA 6Gb/s
CPU	AMD EPYC™ 4005 Series Processors AMD EPYC™ 4004 Series Processors AMD Ryzen™ 9000 Series Processors AMD Ryzen™ 7000 Series Processors Single processor, TDP up to 170W	TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM010
Socket	1 x AM5	Power Supply	1+1 800W 80 PLUS Platinum redundant power supplies AC Input: 100-240V
Chipset	AMD B650E	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Memory	Dual-Channel DDR5 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)	System Fans	5 x 40x40x56mm
LAN	2 x 1Gb/s LAN (1 x Broadcom® BCM5720), Support NCSI 1 x 10/100/1000 Mbps Management LAN	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)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	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, 700mm) 1 x 2-Section Rail kit
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.	Ordering Part Numbers	6NR133C13MR000ACB1*
RAID	RAID 0/1/10 Support optional RAID add-in cards	Optional Parts	- 3-Section Rail kit: 25HB2-A56120-K0R - Cable Management Arm: 25HBZ-R18100-K0R
PCIe Expansion Slots	1 x FHFL PCIe Gen5 x16, for GPUs ^[1] 1 x FHHL PCIe Gen4 x4 ^[1] Supports GPUs up to 300W.		



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

* All specifications are subject to change without notice. Please visit our website for the latest information.
* All trademarks and logos are the properties of their respective holders.

© 2025 Giga Computing Technology Co., Ltd. All rights reserved.

Designed by

