

R133-C13-AAG1

Rack Server - 1U UP 4-Bay SATA



Features

- Supports 1 x Dual slot Gen5 GPU card
- Single AMD EPYC™ 4004 / Ryzen™ 7000 series processors
- Dual Channel ECC/Non-ECC DDR5 UDIMM, 4 x DIMMs
- 2 x 1Gb/s LAN ports (Broadcom® BCM5720)
- 4 x 3.5"/2.5" SATA hot-swappable 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 Titanium redundant power supplies

Application

Networking

Specification

Dimensions	1U (W438 x H43.5 x D710 mm)	Rear I/O	2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN
Motherboard	MC13-BL1	TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
CPU	AMD EPYC™ 4004 Series Processors AMD Ryzen™ 7000 Series Processors (with AMD 3D V-Cache™) Single processor, 5nm technology TDP up to 170W	Power Supply	1+1 800W 80 PLUS Titanium redundant power supplies AC Input: 100-240V
Socket	AM5	System Management	ASPEED® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Chipset	AMD B650E	OS Compatibility	EPYC 4004 Series: Ubuntu 22.04 / Ubuntu 24.04 Windows Server 2022 Ryzen 7000 Series: Windows 10 21H2 / Windows 11
Memory	2-Channel DDR5 memory, 4 x DIMM slots DIMM modules up to 32GB supported ECC Unbuffered DIMM 1Rx8/2Rx8 modules supported Non-ECC Unbuffered DIMM 1Rx8/2Rx8/1Rx16 modules supported Memory speed: up to 5200 MHz (1DPC), 3600 MHz (2DPC)	System Fans	2 x 40x40x56mm (29,700rpm), 3 x 40x40x56mm (32,000rpm)
LAN	2 x 1GbE LAN ports (2 x Broadcom® BCM5720) Supported NCSI function 1 x 10/100/1000 management LAN	Operating Properties	Operating temperature: 10°C to 30°C Operating humidity: 8%-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Video	Integrated in ASPEED® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	Packaging Content	1 x R133-C13-AAG1, 1 x CPU heatsink, 1 x 2-Section Rail kit, 1 x GPU power cable (2x4pin to 2x 2x4pin), 1 x Mini-DP to D-Sub cable
Storage	4 x 3.5"/2.5" SATA hot-swappable bays SATA supported only	Part Numbers	Barebone package (EPYC/Ryzen): 6NR133C13MR000ABG1* Barebone package (Ryzen): 6NR133C13MR000AAG1* - Motherboard: 9MC13BL1NR-000 - CPU heatsink: 25ST1-443300-S7R - 2-Section Rail kit (CMA not supported): 25HB2-3A0203-K0R - Mini-DP to D-Sub cable: 25CRN-200801-K1R - GPU power cable (8+8pin, PCIe): 25CRI-700004-G5R - Power supply: 25EP0-20800C-G1S
RAID	RAID 0/1/10		
Expansion Slots	1 x PCIe x16 (Gen5 x16) FHFL slot, for GPUs 1 x PCIe x4 (Gen4 x4) FHHL slot 1 x M.2 slot (M-key, PCIe Gen4 x4, supports 2280/22110 cards)		
Front I/O	2 x USB 3.2 Gen1		



Learn more about GIGABYTE server at <https://www.gigacomputing.com>

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