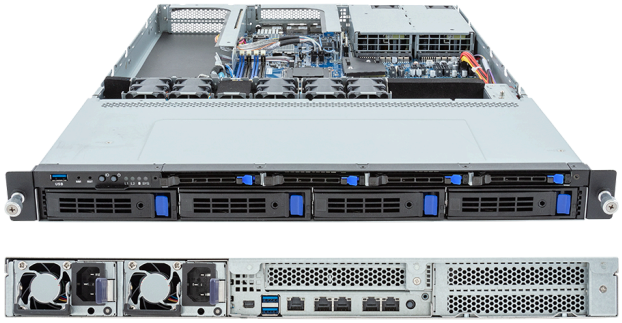
GIGABYTE™

# R133-C11-AAG1

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



## 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 10 Gb/s LAN ports via Broadcom® BCM57416
- 2 x 1 Gb/s LAN ports via Broadcom® BCM5720
- 4 x 3.5"/2.5" SATA hot-swap bays
- 4 x 2.5" 7 mm 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 Titanium redundant power supplies

## Applications

Networks Server...

## Specification

| | |
|---|---|
| **Dimensions** | 1U (W438 x H43.5 x D710 mm) |
| **Motherboard** | MC13-BL0 |
| **CPU** | AMD EPYC™ 4005 Server processors<br>AMD EPYC™ 4004 Server processors<br>AMD Ryzen™ 9000 Series processors<br>AMD Ryzen™ 7000 Series processors<br>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<br>[EPYC 4005/Ryzen 9000] Up to 5600 MT/s (1DPC), 3600 MT/s (2DPC)<br>[EPYC 4004/Ryzen 7000] Up to 5200 MT/s (1DPC), 3600 MT/s (2DPC) |
| **LAN** | 2 x 10 Gb/s LAN (1 x Broadcom® BCM57416), Support NCSI<br>2 x 1 Gb/s LAN (1 x Broadcom® BCM5720), Support NCSI<br>1 x 10/100/1000 Mb/s Management LAN |
| **Video** | Integrated in ASPEED® AST2600<br>- 1 x Mini-DP |
| **Storage** | **Front hot-swap:**<br>4 x 3.5"/2.5" SATA [1]<br>4 x 2.5" 7 mm SATA [1]<br>**Internal M.2:**<br>1 x M.2 (2280/22110), PCIe Gen4 x4<br><br>[1] SATA supported only. |
| **RAID** | RAID 0/1/10<br>Support optional RAID add-in cards |
| **PCIe Expansion Slots** | 1 x FHFL x16 (Gen5 x16), for GPUs [1]<br>1 x FHHL x4 (Gen4 x4)<br><br>[1] Supports GPUs up to 300 W. |
| **I/O Ports** | **Front:**<br>1 x USB 3.2 Gen1<br>**Rear:**<br>2 x USB 3.2 Gen1, 1 x Mini-DP, 4 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 Titanium redundant power supplies<br>AC Input: 100-240 V |
| **System Management** | ASPEED® AST2600 Baseboard Management Controller<br>GIGABYTE Management Console web interface |
| **System Fans** | 5 x 40x40x56mm |
| **Operating Properties** | Operating: 10°C to 30°C, 8% to 80% (non-condensing)<br>Non-operating: -40°C to 60°C, 20% to 95% (non-condensing) |
| **Packaging Content** | 1 x R133-C11-AAG1<br>1 x CPU heatsink<br>1 x Mini-DP to D-Sub cable<br>1 x GPU power cable (2x PCIe 8pin, 700 mm)<br>1 x 2-Section Rail kit |
| **Ordering Part Numbers** | 6NR133C11MR000ACG1* |
| **Optional Parts** | - 3-Section Rail kit (Supports CMA): 25HB2-A56120-K0R<br>- Cable Management Arm: 25HBZ-R18100-K0R |

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

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