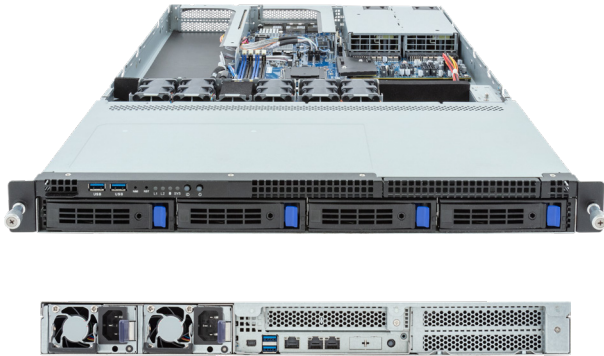


# R133-C13-AAG1

## 1U UP 4-Bay SATA Rack Server



### Features

- Supports 1 x double slot Gen5 GPU card
- AMD Ryzen™ 7000 series processors
- Single processor, 5nm technology
- Dual Channel ECC/Non-ECC DDR5 UDIMM, 4 x DIMMs
- 2 x 1Gb/s LAN ports (Broadcom® BCM5720)
- 1 x Dedicated management port
- 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
- 1 x FHHL PCIe Gen4 x4 slot
- Dual 800W (240V) 80 PLUS Titanium redundant power supply

### Specification

|                        |  |                             |  |
|------------------------|--|-----------------------------|--|
| <b>Dimensions</b>      | 1U (W438 x H43.5 x D710 mm)  | <b>Backplane I/O</b>        | SATA 6Gb/s   |
| <b>Motherboard</b>     | MC13-BL1   | <b>TPM</b>                  | 1 x TPM header with SPI interface<br>Optional TPM2.0 kit: CTM010)  |
| <b>CPU</b>             | AMD Ryzen™ 7000 Series Processors<br>Single processor, 5nm technology<br>TDP up to 170W<br>AMD Socket AM5  | <b>Power Supply</b>         | Dual 800W 80 PLUS Titanium redundant power supply<br>AC Input: 100-240V  |
| <b>Chipset</b>         | AMD B650E  | <b>System Management</b>    | Aspeed® AST2600 management controller<br>GIGABYTE Management Console (AMI MegaRAC SP-X)  |
| <b>Memory</b>          | 4 x DIMM slots<br>2-Channel DDR5 memory, up to 5200 MHz<br>DIMM modules up to 32GB supported<br>ECC UDIMM 1Rx8/2Rx8 modules supported<br>Non-ECC UDIMM 1Rx8/2Rx8/1Rx16 modules supported | <b>OS Compatibility</b>     | Windows 10 21H2 (x64)<br>Windows 11 (x64)  |
| <b>LAN</b>             | 2 x 1GbE LAN ports (2 x Broadcom BCM5720)<br>Supported NCSI function<br>1 x 10/100/1000 management LAN   | <b>System Fans</b>          | 2 x 40x40x56mm (29,700rpm)<br>3 x 40x40x56mm (32,000rpm)   |
| <b>Video</b>           | Integrated in Aspeed AST2600<br>2D Video Graphic Adapter with PCIe bus interface<br>1920x1200@60Hz 32bpp, DDR4 SDRAM   | <b>Operating Properties</b> | Operating temperature: 10°C to 35°C<br>Operating humidity: 8-80% (non-condensing)<br>Non-operating temperature: -40°C to 60°C<br>Non-operating humidity: 20%-95% (non-condensing)  |
| <b>Storage</b>         | 4 x 3.5"/2.5" SATA hot-swappable bays, from FCH<br>SATA supported only   | <b>Packaging Content</b>    | 1 x R133-C13, 1 x CPU heatsink,<br>1 x Mini-DP to D-Sub cable, 1 x Rail kit  |
| <b>Expansion Slots</b> | 1 x PCIe Gen5 x16 FHFL slot, from CPU, for GPUs<br>1 x PCIe Gen4 x4 FHHL slot, from CPU<br>1 x M.2 slot (M-key, PCIe Gen4 x4, NGFF-2280/22110), from FCH                                 | <b>Reference Numbers</b>    | Barebone package: 6NR133C13MR000AAG1*<br>- Motherboard: 9MC13BL1NR-000<br>- Rail kit: 25HB2-3A0203-K0R<br>- CPU heatsink: 25ST1-443300-S7R<br>- Front panel board_CFP1013: 9CFP1013NR-00<br>- Backplane board_4-port_3.5: 9CBP1047NR-00<br>- Riser card - CRSE016: 9CRSE01016NR-00<br>- Mini-DP to D-Sub cable: 25CRN-200801-K1R<br>- Power supply: 25EP0-20800A-G1S |
| <b>Front I/O</b>       | 2 x USB 3.2 Gen1   |                             |  |
| <b>Rear I/O</b>        | 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN  |                             |  |



Learn more about GIGABYTE server, visit [www.gigabyte.com/Enterprise](http://www.gigabyte.com/Enterprise)

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