

# R133-C10-AAA2

Rack Server - 1U UP 4-Bay Gen4 NVMe/SATA



## Features

- Single AMD EPYC™ 4004 / Ryzen™ 7000 Series Processors
- Dual Channel ECC/Non-ECC DDR5 UDIMM, 4 x DIMMs
- 2 x 1Gb/s LAN ports via Broadcom® BCM5720
- 4 x 3.5"/2.5" Gen4 NVMe/SATA hot-swappable bays
- 1 x M.2 slot with PCIe Gen4 x4 interface
- 1 x FHHL PCIe Gen4 x4 slot
- 1+1 550W 80 PLUS Platinum redundant power supplies

## Application

Networking

## Specification

<b>Dimensions</b>	1U (W438 x H43.5 x D710 mm)	<b>Backplane I/O</b>	Speed and bandwidth: PCIe Gen4 x4 or SATA 6Gb/s
<b>Motherboard</b>	MC13-BL1	<b>TPM</b>	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010)
<b>CPU</b>	AMD EPYC™ 4004 Series Processors AMD Ryzen™ 7000 Series Processors Single processor, 5nm technology, Socket AM5 TDP up to 105W	<b>Power Supply</b>	1+1 550W 80 PLUS Platinum redundant power supplies AC Input: 100-240V
<b>Chipset</b>	AMD B650E	<b>System Management</b>	ASPEED® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
<b>Memory</b>	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)	<b>OS Compatibility</b>	<b>EPYC 4004 Series:</b> Ubuntu 22.04 / Ubuntu 24.04 Windows Server 2022 <b>Ryzen 7000 Series:</b> Windows 10 21H2 / Windows 11
<b>LAN</b>	2 x 1GbE LAN ports (2 x Broadcom® BCM5720) Supported NCSI function 1 x 10/100/1000 management LAN	<b>System Fans</b>	3 x 40x40x56mm (29,700rpm)
<b>Video</b>	Integrated in ASPEED® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	<b>Operating Properties</b>	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)
<b>Storage</b>	4 x 3.5"/2.5" Gen4 NVMe/SATA hot-swappable bays	<b>Packaging Content</b>	1 x R133-C10-AAG2 1 x CPU heatsink, 1 x Mini-DP to D-Sub cable 1 x 2-Section Rail kit
<b>RAID</b>	RAID 0/1/10	<b>Part Numbers</b>	Barebone package : 6NR133C10MR000ABA2* - 2-Section Rail kit (CMA not supported): 25HB2-3A0203-K0R - CPU heatsink: 25ST1-121100-A7R - Mini-DP to D-Sub cable: 25CRN-200801-K1R - Power supply: 25EP0-205502-F3S
<b>Expansion Slots</b>	1 x PCIe x4 (Gen4 x4) FHHL slot 1 x M.2 slot (M-key, PCIe Gen4 x4, supports 2280/22110 cards)		
<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		



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