

R133-C10-AAG2

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 800W 80 PLUS Titanium redundant power supplies

Application

Networking

Specification

Dimensions	1U (W438 x H43.5 x D710 mm)	Backplane I/O	Speed and bandwidth: PCIe Gen4 x4 or SATA 6Gb/s
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 Single processor, 5nm technology, Socket AM5 TDP up to 105W	Power Supply	1+1 800W 80 PLUS Titanium redundant power supplies AC Input: 100-240V
Chipset	AMD B650E	System Management	ASPEED® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
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 MT/s (1DPC), 3600 MT/s (2DPC))	OS Compatibility	EPYC 4004 Series: Ubuntu 22.04 / Ubuntu 24.04 Windows Server 2022 Ryzen 7000 Series: Windows 10 21H2 / Windows 11
LAN	2 x 1GbE LAN ports (2 x Broadcom® BCM5720) - Supported NCSI 1 x 10/100/1000 management LAN	System Fans	3 x 40x40x56mm (29,700rpm)
Video	Integrated in ASPEED® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	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)
Storage	4 x 3.5"/2.5" Gen4 NVMe/SATA bays *Hot-swap is not supported on NVMe drives.	Packaging Content	1 x R133-C10-AAG2 1 x CPU heatsink 1 x Mini-DP to D-Sub cable 1 x 2-Section Rail kit
RAID	SATA RAID 0/1/10	Part Numbers	Barebone package: 6NR133C10MR000ABG2* - 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: 25EP0-20800C-G1S
Expansion Slots	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		
Rear I/O	2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN		



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