

# R123-X00-AA01

Rack Server - 1U UP 4-Bay SATA



## Features

- Intel® Xeon® E-2400 Processors
- Intel® Pentium® Gold G7400 / G7400T Processor
- Single processor, LGA 1700
- Dual Channel ECC / non-ECC DDR5 UDIMM, 4 x DIMMs
- 2 x 1Gb/s LAN ports (Intel® I210-AT)
- 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 FHHL PCIe Gen5 x16 slot
- 2 x LP PCIe Gen4 x4 slots
- Single 400W 80 PLUS Gold power supply

## Specification

<b>Dimensions</b>	1U (W430 x H43.5 x D536 mm)	<b>Rear I/O</b>	2 x USB 3.2 Gen1, 1 x COM, 1 x VGA, 2 x RJ45, 1 x MLAN
<b>Motherboard</b>	MX04-CE0	<b>Backplane Board</b>	Speed and bandwidth: SATA 6Gb/s
<b>CPU</b>	Intel® Xeon® E-2400 Processors Intel® Pentium® Gold G7400 / G7400T Processor Single processor, TDP up to 95W	<b>TPM</b>	1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)
<b>Socket</b>	1 x LGA 1700	<b>Power Supply</b>	Single 400W 80 PLUS Gold power supply AC Input: 100-240V
<b>Chipset</b>	Intel® C262 Chipset	<b>System Management</b>	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
<b>Memory</b>	4 x DIMM slots, 2-Channel DDR5 DIMM modules up to 32GB supported ECC / non-ECC UDIMM modules supported only Up to 4400MHz(1DPC), 4000MHz(2DPC/1R), 3600MHz(2DPC/2R)	<b>OS Compatibility</b>	Windows Server 2019 / 2022 Red Hat Enterprise Linux server 8.6 / 9.0 (x64) SUSE Linux Enterprise server 15 SP4 / 15 SP5 Ubuntu 20.04.6 LTS / Ubuntu 22.04.2 LTS (x64) VMware ESXi 8.0 Citrix Hypervisor 8.2 LTSR CU1
<b>LAN</b>	2 x 1Gb/s LAN ports (2 x Intel® I210-AT) - Support NCSI function 1 x 10/100/1000 management LAN	<b>System Fan</b>	6 x 40x40x28mm (25,000rpm)
<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 35°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" SATA hot-swappable bays	<b>Packaging Content</b>	1 x R123-X00, 1 x CPU heatsink, 1 x 2-Section Rail kit
<b>SAS</b>	N/A	<b>Part Numbers</b>	Barebone package: 6NR123X00DR000AA01* - Motherboard: 9MX04CE0NR-000 - 2-Section Rail kit: 25HB2-3A6101-K0R - CPU heatsink: 25ST1-113108-M1R - Power supply: 25EP0-2400W3-F3S
<b>RAID</b>	Intel® SATA RAID 0/1/5/10		
<b>Expansion Slots</b>	1 x FHHL PCIe Gen5 x16 slot 2 x LP PCIe Gen4 x4 slots 1 x M.2 slot: M-key, PCIe Gen4 x4, supports 2242/2280 cards		
<b>Front I/O</b>	2 x USB 3.2 Gen1		



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

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