GIGABYTE™

R123-X00-AA01

Rack Server - Intel® Xeon® 6300-Series/E-2400 Processors - 1U, UP, 4-Bay SATA



Key Features

- Single Intel® Xeon® 6300-series/E-2400 processors
- Single Intel® Pentium® Gold G7400/G7400T processor
- Dual Channel DDR5 ECC UDIMM per CPU with 4 x DIMMs
- 2 x 1 Gb/s LAN ports via Intel® I210-AT
- 4 x 3.5"/2.5" SATA hot-swap bays
- 1 x M.2 slot with PCIe Gen4 x4
- 1 x FHHL PCIe x16 slot with Gen5 x16 lanes
- 2 x LP PCIe x4 slots with Gen4 x4 lanes
- Single 400 W 80 PLUS Gold power supply

Applications

Servers for Hybrid/Private Cloud...

Specification

Dimensions	1U (W430 x H43.5 x D536 mm)
Motherboard	MX04-CE0
CPU	Intel® Xeon® 6300-series processors Intel® Xeon® E-2400 processors Intel® Pentium® Gold G7400/G7400T processor Single processor, TDP up to 95 W
OS Compatibility	OS Support List
Socket	1 x LGA 1700
Chipset	Intel® C262
Memory	Dual Channel DDR5 ECC UDIMM, 4 x DIMMs Up to 4400 MT/s (1DPC), 4000 MT/s (2DPC/1R), 3600 MT/s (2DPC/2R)
LAN	2 x 1 Gb/s LAN (2 x Intel® I210-AT), Support NCSI 1 x 10/100/1000 Mb/s Management LAN
Video	Integrated in ASPEED® AST2600 - 1 x VGA port
Storage	**Front hot-swap:** 4 x 3.5"/2.5" SATA **Internal M.2:** 1 x M.2 (2242/2280), PCIe Gen4 x4
RAID	Intel® SATA RAID 0/1/10/5 Support **optional** RAID add-in cards

PCIe Expansion Slots	1 x FHHL x16 (Gen5 x16) 2 x LP x4 (Gen4 x4)
I/O Ports	**Front:** 2 x USB 3.2 Gen1 **Rear:** 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN
Backplane Board	SATA 6 Gb/s
TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Power Supply	Single 400 W 80 PLUS Gold power supply AC Input: 100-240 V
System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
System Fans	6 x 40x40x28mm
Operating Properties	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Packaging Content	1 x R123-X00-AA01 1 x CPU heatsink 1 x 2-Section Rail kit
Ordering Part Numbers	6NR123X00DR000AB01*

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

* All specifications are subject to change without notice. Please visit our website for the latest information.
* All trademarks and logos are the properties of their respective holders.
© 2026 Giga Computing Technology Co., Ltd. All rights reserved.

Last updated: Nov 20, 2026

Designed by GIGA COMPUTING