

B343-C40-AAJ3



Blade Server - AMD EPYC™ 4005 & Ryzen™ 9000 Series Processors - 3U 10-Node UP



Key Features

- 3U 10-node front access server system
- Single AMD EPYC™ 4005 & Ryzen™ 9000 Series Processors per node
- Dual Channel DDR5 ECC/Non-ECC UDIMM per CPU with 4 x DIMMs per node
- 2 x 25 Gb/s LAN ports via Broadcom® BCM57502 per node
- 2 x 2.5" Gen5 NVMe/SATA internal bays per node
- 1 x M.2 slot with PCIe Gen3 x1 per node
- 1 x FHHL PCIe x16 slots with Gen5 x16 lanes per node
- 3 x OCP NIC 3.0 PCIe Gen4 slots for multi-host NICs
- 2+2 2000 W 80 PLUS Titanium redundant power supplies

Applications

Networks Server, Servers for Hybrid/Private Cloud...

Specification

Dimensions	3U 10-Node - Front access (W447 x H132 x D770 mm)	PCIe Expansion Slots	1 x FHHL x16 (Gen5 x16) per node 3 x OCP NIC 3.0 PCIe Gen4, for multi-host NICs
Motherboard	MC43-BL0	I/O Ports	Front: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x SFP28, 1 x MLAN Rear: 2 x CMC ports
CPU	AMD EPYC™ 4005 Series Processors AMD Ryzen™ 9000 Series Processors Single processor per node, TDP up to 170 W	TPM	1 x TPM header (SPI) per node, Optional TPM 2.0 kit: CTM010
Socket	10 x AM5	Power Supply	2+2 2000 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V
Chipset	AMD B650E	System Management	ASPEED® AST2600 Baseboard Management Controller ASPEED® AST2620 Chassis Management Controller GIGABYTE Management Console web interface
Memory	Dual-channel DDR5 ECC/Non-ECC UDIMM, 4 x DIMMs per node Up to 5600 MT/s (1DPC), 3600 MT/s (2DPC)	System Fans	5 x 80x80x80mm
LAN	Front: 2 x 25 Gb/s LAN (1 x Broadcom® BCM57502) per node, Support NCSI 1 x 10/100/1000 Mb/s Management LAN per node Rear: 2 x Chassis Management LAN	Operating Properties	Operating: 10°C to 30°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP per node	Packaging Content	1 x B343-C40-AAJ3 10 x CPU heatsinks 1 x Mini-DP to D-Sub cable 1 x L-shape Rail kit
Storage	Internal: 2 x 2.5" Gen5 NVMe/SATA per node Internal M.2: 1 x M.2 (2280/22110) per node, PCIe Gen3 x1	Ordering Part Numbers	6NB343C40MR000AAJ3*
RAID	SATA RAID 0/1		



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: May 14, 2026

Designed by

