

# B343-X40-AAS1

Blade Server - Intel® Xeon® 6300-Series/E-2400 Processors - 3U 10-Node UP



## Key Features

- 3U 10-node front access server system
- Single Intel® Xeon® 6300-Series/E-2400 Processors per node
- Dual Channel DDR5 ECC UDIMM per CPU with 4 x DIMMs per node
- 2 x 1 Gb/s LAN ports via Intel® I350-AM2 per node
- 2 x 2.5" Gen4 NVMe/SATA internal bays per node
- 1 x M.2 slot with PCIe Gen3 x2 per node
- 1 x FHHL PCIe x16 slot Gen5 x16 lanes per node
- 3 x OCP NIC 3.0 PCIe Gen4 slots for multi-host NICs
- 1+1 3200 W 80 PLUS Titanium redundant power supplies

## Applications

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

## Specification

<b>Dimensions</b>	3U 10-Node - Front access (W447 x H132 x D770 mm)	<b>PCIe Expansion Slots</b>	1 x FHHL x16 (Gen5 x16) per node 3 x OCP NIC 3.0 PCIe Gen4, for multi-host NICs
<b>Motherboard</b>	MX44-BL0	<b>I/O Ports</b>	<b>Front:</b> 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN <b>Rear:</b> 2 x CMC ports
<b>CPU</b>	Intel® Xeon® 6300-Series Processors Intel® Xeon® E-2400 Processors Single processor per node, TDP up to 95 W	<b>TPM</b>	1 x TPM header (SPI) per node, Optional TPM 2.0 kit: CTM010
<b>OS Compatibility</b>	<a href="#">OS Support List</a>	<b>Power Supply</b>	1+1 3200 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V  *The system power supply requires C19 power cord.
<b>Socket</b>	10 x LGA 1700	<b>System Management</b>	ASPEED® AST2600 Baseboard Management Controller ASPEED® AST2620 Chassis Management Controller GIGABYTE Management Console web interface
<b>Chipset</b>	Intel® C262	<b>System Fans</b>	5 x 80x80x80mm
<b>Memory</b>	Dual Channel DDR5 ECC UDIMM, 4 x DIMMs per node Up to 4400 MT/s (1DPC), 4000 MT/s (2DPC/1R), 3600 MT/s (2DPC/2R)	<b>Operating Properties</b>	Operating: 10°C to 30°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
<b>LAN</b>	<b>Front:</b> 2 x 1 Gb/s LAN (1 x Intel® I350-AM2) per node, Support NCSI 1 x 10/100/1000 Mb/s Management LAN per node <b>Rear:</b> 2 x Chassis Management LAN	<b>Packaging Content</b>	1 x B343-X40-AAS1 10 x CPU heatsinks 1 x Mini-DP to D-Sub cable 1 x L-shape Rail kit
<b>Video</b>	Integrated in ASPEED® AST2600 - 1 x Mini-DP per node	<b>Ordering Part Numbers</b>	6NB343X40MR000AAS1*
<b>Storage</b>	<b>Internal:</b> 2 x 2.5" Gen4 NVMe/SATA per node <b>Internal M.2:</b> 1 x M.2 (2280/22110) per node, PCIe Gen3 x2		
<b>RAID</b>	Intel® SATA RAID 0/1		



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