

B343-X40-AAS1

Blade Server - Intel® Xeon® 6300/E-2400 - 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, 4 x DIMMs per node
- 2 x 1Gb/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 interface per node
- 1 x FHHL PCIe Gen5 x16 slot per node
- 3 x OCP NIC 3.0 PCIe Gen4 slots for multi-host NICs
- 1+1 3200W 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 PCIe Gen5 x16 per node 3 x OCP NIC 3.0 PCIe Gen4, for multi-host NICs
Motherboard	MX44-BL0	I/O Ports	Front: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN Rear: 2 x CMC ports
CPU	Intel® Xeon® 6300-Series Processors Intel® Xeon® E-2400 Processors Single processor per node, TDP up to 95W	Backplane Board	PCIe Gen4 x4 or SATA 6Gb/s
OS Compatibility	OS Support List	TPM	1 x TPM header (SPI) per node, Optional TPM2.0 kit: CTM010
Socket	10 x LGA 1700	Power Supply	1+1 3200W 80 PLUS Titanium redundant power supplies AC Input: 100-240V *The system power supply requires C19 power cord.
Chipset	Intel® C262	System Management	ASPEED® AST2600 Baseboard Management Controller ASPEED® AST2620 Chassis Management Controller GIGABYTE Management Console web interface
Memory	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)	System Fans	5 x 80x80x80mm
LAN	Front: 2 x 1Gb/s LAN (1 x Intel® I350-AM2) per node, Support NCSI 1 x 10/100/1000 Mbps 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-X40-AAS1 10 x CPU heatsinks 1 x Mini-DP to D-Sub cable 1 x L-shape Rail kit
Storage	Internal: 2 x 2.5" Gen4 NVMe/SATA per node Internal M.2: 1 x M.2 (2280/22110) per node, PCIe Gen3 x2	Ordering Part Numbers	6NB343X40MR000AAS1*
RAID	Intel® SATA RAID 0/1		



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