TO24-JD1

ORV3 Storage Node

Features

- 2OU Rackmount, ORV3
- 32 x 3.5"/2.5" HDD/SSD hot-swap bays
- 1 x Dedicated management port
- 6 x Broadcom SAS4X32 expanders
- 8 x Mini-SAS HD ports
- Aspeed® AST2520 remote management controller

Fulfilling the need to aggregate and share on-premises storage across servers using a JBOD enclosure, the new GIGABYTE TO24-JD0 and TO24-JD1 are two great scale-out server options, each supporting up to thirty-two 3.5" or 2.5" SAS drives with a 24G SAS interface for 6G, 12G, and 24G SAS devices and transfer rates. Using 30TB 2.5" SSDs, a single server could support almost 1,000 TB of storage in a 2OU 21" chassis. And these cost-effective JBOD solutions come in two flavors based on whether a user wants to connect to one or two HBAs. As is, the -JD0 is configured for a single host adapter that is upstream from the Broadcom SAS4x32 expanders and drives, and the -JD1 is configured with dual host adapters for redundancy via both SAS paths using SAS expanders.

Specification

Dimensions	2OU (W537 x H93 x D807.6 mm)	**Front I/O**	8 x Mini-SAS HD ports 1 x Power button 1 x BMC reset button 1 x Audio jack for UART 1 x System status LED 1 x ID button with LED 1 x MLAN Access LED
Open Rack Version	ORV3		
LAN	Front side: 1 x 100/1000 management LAN		
Storage	Front accessed: 32 x 3.5"/2.5" HDD/SSD hot-swap bays	**System Fans**	4 x 92x92x38mm (16,500rpm) system fan modules on rear side of the chassis
SATA	Supported	**No. of Bus Bars**	1 x 48V Bus Bar
SAS	Supported	**Packaging Dimensions**	1115 x 724 x 288 mm
RAID	Depends on SAS Card		
SAS Expander	6 x Broadcom SAS4X32 SAS expanders, dual-path	**Packaging Content**	1 x TO24-JD1
System Management	Aspeed® AST2520 management controller	**Part Numbers**	Barebone package: 6NTO24JD1MR-00-1*

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