



HIGH AVAILABILITY SERVER

DSS448S-UM

DSS448S-UM 4U48 SAS AMD EPYC MILAN HA Redundant Server



FEATURES

- HA Redundant Storage server support two hot-swap MB modules, each with single AMD MILAN up to 64 cores Single/Multi NUMA domain
- 4U with 48x 3.5" 12Gb/s dual-ported SAS hot-swap HDD bays
- Supports PCIe GEN 4; up to 2TB DDR4 RAM
- Support two hot-swap motherboard nodes; each with AMD MILAN UP server boards in one system as unified redundant controllers
- HA Redundant Cluster-in-a-Box solution with PCIe NTB and GbE heartbeat

SPECIFICATIONS

System	
Processor	Each Node: Supports Single Socket AMD MILAN up to 240W TDP socket SP3
System Memory	Each Node: Supports up to 8x DIMMs DDR4 2666/3200 MHz
Network	Each node 2x GbE ports, 1x GbE dedicated for IPMI
Storage	Two 36 ports Broadcom 12G SAS Expander
Supported OS	Windows 2012 R2, RHEL 7.4, SLES 12 SP2; Windows 2016, VMWare ESXi 6.5, FreeBSD 11; Centos 7.3; For other OS please contact us
Cooling	4x 60mmx38mm fans (per node)
Drive Bays	48x hot-swap 3.5" 12G SAS HDD drive bays 2x internal 2.5" 7mm for OS drive bays 4x dual-port NVMe U.2 SSD days shared by 2 nodes
Power	1+1 1600W AC/DC 80 Plus Platinum Redundant PSU Optional -48V DC input available upon request
Expansion	Each Node: 5x PCIe 4.0 x16; 2x PCIe 4.0 x8
Other Features	Each Node: Dedicated GbE for IPMI 2.0
I/O	VGA, 2x GbE RJ45, 1x GbE IPMI, 2x USB 2.0, 1x USB 3.0, 1x COM Serial (per node)
Front I/O	Power On/Off with LED, Reset Switch, NMI Switch, Locate Switch with LED, 4xLAN LED, Warning LED 1x USB 3.0

Environment	
Operating Temperature	0°C ~ 35°C
Storage Temperature	-20°C ~ 70°C
Relative Humidity	5% ~ 95% relative humidity, non-condensing
HTS Code	8473 30 5100
ECCN	4A994
Compliance	CE, FCC Class A, RoHS 6/6 compliant
Physical	
Dimensions (W x H x D)	System: 39" x 19" x 7-1/4" (LxWxH) Packaging: 46" x 25.5" x 18" (LxWxH)
Weights	Net Weight: 40lbs with SSDs; Gross Weight: 55lbs

* All specifications and photos are subject to change without notice



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