



DSS448S-D5

Key Features

- HA Redundant Storage server support Dual Intel® Xeon® SP Skylake / Cascade Lake up to 1TB DDR4
- 4U with 48x 3.5" 12Gb/s dual-ported SAS hot-swap HDD bays
- Four 60mm fan modules for each motherboard node
- Support two hot-swap motherboard nodes; each with Xeon DP server boards in one system as unified redundant controllers
- HA Redundant Cluster-in-a-Box solution with PCIe NTB and GbE heartbeat



Specifications

Processor Support	Dual Intel® Xeon® SP Skylake / Cascade Lake up to 140W TDP socket	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
Chipset	Intel® C621 chipset	Front Panel	Power On/Off with LED, Reset Switch, NMI Switch, Locate Switch with LED, 4xLAN LED, Warning LED
Memory Support	8x DIMMs, Up to 1TB ECC DDR4 RDIMM/RDIMM/LRDIMM 2666/2400/2133 (per node)	Rear I/O	VGA, 2x GbE RJ45, 1x GbE IPMI, 2x USB 2.0, 1x USB 3.0, 1x COM Serial (per node)
Expansion Slot	Each node 2x PCIe 3.0 x16 slots and 3x PCIe 3.0 x8 slots; 1x PCIe 3.0 x4 slots (in x8 slot)	Cooling	4x 60mmx38mm fans (per node)
Storage	Two 36 ports Broadcom 12G SAS Expander	Other Features	Dedicated GbE for IPMI 2.0
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	Weight	Net Weight: 40lbs with SSDs; Gross Weight: 55lbs
Network	Each node 2x GbE ports, 1x GbE dedicated for IPMI	Dimension	System: 39" x 19" x 7-1/4" (LxWxH) Packaging: 46"x 25.5"x18"(LxWxH)
Power	1+1 1600W AC/DC 80 Plus Platinum Redundant PSU Optional -48V DC input available upon request	Logistic	HTS Code: 8473 30 5100; ECCN: 4A994
		Environmental	Operating Temperature: 0°C to 35°C Non-Operating Temperature: -20°C to 70°C Humidity: 5% to 95% non-condensing
		Compliance	CE, FCC Class A, RoHS 6/6 compliant

Ordering Information

BD44833D6SM	BAREBONE DURASTREAMS 4U 48BAY SAS DUAL XEON (CASCADE LAKE) REV A.
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