



DSS320

Key Features:

- 3U with 16x 3.5" HDD + 4x 2.5"-7mm SSD dual-ported SAS bays for Tier0 and Tier1 shared storage
- Four hot-swappable redundant 120mm fan modules
- Support two hot-swap MB Modules each with UP or DP server boards in one system as unified redundant controllers
- Ideal for Cluster in a Box solution with LSI's Syncro HA RAID controller solution



Specifications

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|-----------------------------|---|----------------------|--|
| Supported Controller | Each controller supports UP E5-2600 Xeon V2 (Ivy Bridge) with 8x 1333/1600/1866 DDR3 up to 256GB or DP E5-2600 Xeon V2 (Ivy Bridge) with 16x 133/1600/1866 DDR3 up to 512GB | Expander | LSI SAS2x36 6G SAS Expander module supports LSI Syncro HA DAS connections |
| I/O Interface | UP: Each controller has VGA, Four GigE, 2xUSB 2.0 DP: Each controller has VGA, Serial, Four GigE, 4x USB 2.0, 1x Management RJ45 | Power | 1+1 1200W AC/DC or -48VDC/DC high efficiency redundant power supplies |
| Expansion slots | UP MB: 3x PCIeGen3 Expansion slots (1x for storage use) for SAS/FC/IB Host options and optional Intel dual 10Gb I/O or FDR IB/40GbE Rear I/O Module DP MB: onboard I/O and 5x PCIe3 x8 Expansion slots (1x slot for storage controller, 1x for clustering adapter) | Backplane | 16-Bay 6G SAS Dual-Ported backplane and 4 2.5" SATA to SAS interposer |
| Storage | 16x 3.5" and 4x 2.5" 7mm SSD 3Gbps/6Gbps SAS dual port HDD bays Optional LSI Syncro CS for Hardware RAID | Gross Weight | 65lbs w/o Hard Drives |
| Cooling | Four Redundant 120mm hot-swap fan modules with Smart Fan Control for optimal cooling | Dimension | System: 29"x19"x5.25" (LxWxH) Packaging: 35.5"x 29"x12"(LxWxH) |
| | | 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

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| BBOTAD002A | ES 3U 16x3.5" and 4x 2.5" HS bay system, dual DP controllers, 4x SATA Interposer for SATA SSD, W/1200W dual-output RPS, risers, cables | • SMB High-Availability Cluster-in-a-Box |
| BBOTAD003A | ES 3U 16x3.5" and 4x 2.5" HS bay system, dual UP controllers, 4x SATA Interposer for SATA SSD, W/1200W dual-output RPS, risers, cables | • Redundant Server & Storage Appliance |
| SRTL20A30C | Rail kit, 20" Tool-less ball-bearing slides for STD 430mm width chassis, extendable to 28" | • SMB All-In-One Private Cloud solution |
| SRTL28A30C | Rail kit, 28" Tool-less ball-bearing slides for STD 430mm width chassis, extendable to 36" | • Redundant NAS, iSCSI, DAS Appliance |
| DTES35B01A | Spare, ES 3.5" hot-swap HDD tray | |