

DISC STORAGE SYSTEMS

Disk Storage Systems (DSS) features customized integrated storage servers with the following configurations:

- **DSS4-16** (1U Server, 4-Bay Slots, 16 TB Storage space)
- **DSS8-32** (2U Server, 8-Bay Slots, 32 TB Storage space)
- **DSS12-48** (2U Server, 12-Bay Slots, 48 TB Storage space)
- **DSS24-96** (4U Server, 24-Bay Slots, 96 TB Storage space)



DSS4-16



DSS8-32



DSS12-48



DSS24-96

The Integrated system approach adapts to the specific user requirement which can be customized to fit into the production need. In addition, the inbuilt storage system safely secures the data by having a mirrored operating systems hard drives and various RAID levels for the storage drives.

DSS4-16 Features

Drive Bay	4 x hot-swappable SATA (II or III) /SAS drive bays, 1 x slim DVD-ROM bay, 2 x 2.5" drive slots
Cooling Fan	6 x 40mm middle fans wall
Connector	Two front USB ports, one internal SFF-8087 Mini SAS connector, two 4-pin molex power connectors.
Power Supply Options	Standard 1U power supply (W x H = 3.94 inch x 1.59 inch)
Dimensions (W x D x H)	19" x 25.5" x 1.7" (483mm x 650mm x 43.5mm)
Weight (without hard drive)	7.5 kg/16.5 lb (NET) 8.8 kg/19.4 lb (GROSS)
Environment Temperature	0/40 °C, 32/104 °F (Operating) -20/60 °C, -4/140 °F (Non-Operating)
Relative Humidity	5% to 95%,non-condensing

DSS12-48

Drive Bay	12 x hot-swappable SATA II, III/SAS/SSD 12G drive bays, support 12 x 3.5" or 2.5" drives
Cooling Fan	4 x 40mm rear fans
Connector	One Mini SAS HD SFF-8644 "IN" connector for connection to the host, two Mini SAS HD SFF-8644 "OUT" connectors for expansion to an additional JBOD enclosure
Power Supply Option	Come with full range power supply (80 plus bronze certified)
Dimensions (W x D x H)	19" x 18.9" x 3.5" (483mm x 480mm x 88mm)
Weight (without hard drive)	11.3 kg/25 lb (NET) 12.7 kg/28 lb (GROSS)
Environment Temperature	0/40 °C, 32/104 °F (Operating) -20/60 °C, -4/140 °F (Non-Operating)
Relative Humidity	5% to 95%,non-condensing

DSS8-32

Drive Bay	8 x hot-swappable 3.5" SATA (II or III) /SAS drive bays, 1 x slim CD-ROM bay, 2 x 2.5" drive bays
Cooling Fan	4 x 80mm middle fans wall
Connectors	2 front USB ports, 2 SFF-8087 connectors;
Power Supply Options	Standard 2U power supply (W x H 3.94 x 2.76 inch), 2U redundant power supply (W x H=3.98inch x 3.31inch)
Dimensions (W x D x H)	19" x 25.5" x 3.5" (483mm x 650mm x 88mm)
Weight (without hard drive)	12.5 kg/27.6 lb (NET) 14 kg/30.9 lb (GROSS)
Environment Temperature	0/40 °C, 32/104 °F (Operating) -20/60 °C, -4/140 °F (Non-Operating)

DSS24-96

Drive Bay	24 x hot-swappable SATA II, III/SAS/SSD 12G drive bays, support 24 x 3.5" or 2.5" drives
Cooling Fan	3 x 80mm rear fans
Connector	One Mini SAS HD SFF-8644 "IN" connector for connection to the host, two Mini SAS HD SFF-8644 "OUT" connectors for expansion to an additional JBOD enclosure
Power Supply Options	Come with full range redundant power supply
Dimensions (W x D x H)	19" x 18.9" x 7.0" (483mm x 480mm x 176mm)
Weight (without hard drive)	17.2 kg/38 lb (NET) 18.6 kg/41 lb (GROSS)
Environment Temperature	0/40 °C, 32/104 °F (Operating) -20/60 °C, -4/140 °F (Non-Operating)

Configuration:

(FOR ALL MODELS)

- Rackmount design
- Hot-swappable SATA II, III/SAS/SSD 12Gb/s drive bays
- Built in 12Gb/s SAS Expander for single SFF-8644 cable connectivity
- Backplanes are horizontal mounted for better ventilation
- RoHS Compliant
- OS Independent
- Come with full range power supply (80 Plus Bronze Certified)
- Rail mounting ready