

Direct Attached Storage (DAS) Tera-Store EE-DAS-30XXX



Key Features

- SATA disk drives easily handle large volumes of data, and are ideal for video storage. Each high-volume SATA disk can manage an impressive capacity of up to 1TB.
- This DAS Tera-Store unit can hold up to (15) 1TB SATA disk drives¹, but is customizable to have the amount of storage needed for your application.
- The hot-swappable technology of this unit allows you to remove and replace drives even when your system is operating, no need to turn it off, and no need to reboot – new drives are available right away.
- Features the PERC RAID controller – best available in-class PCI Express interface, offering excellent performance with the reliability of RAID 5 support (pre-configured).

Technical Specifications

Hard Disk Support	Supports up to (15) 3.5-inch SAS or SATA hot-pluggable hard disk drives
Maximum Capacity	15TB using (15) 1TB 7.2K SATA disk drives <i>Usable storage will be less due to RAID 5</i>
Enclosure Management Modules (EMMs)	(2) hot-pluggable management modules Redundant enclosure management capability
RAID Levels	PERC 5/E Supports RAID levels 0, 1, 5, 10, 50 Up to 30 physical disks per group Up to 256 virtual disks <i>Pre-configured as RAID 5</i>
Back-Panel Connectors (per EMM)	Host Connectivity (1) x4 3GB SAS (SFF 8470) “IN” Expansion Connectivity (1) x4 3GB SAS (SFF 8470) “OUT” Service Management (1) 6-pin UART mini-DIN connector
LED Indicators	Front Panel (1) two-color LED indicator for system status (2) single-color LED indicators for power, split mod Hard Drive Carrier (1) single-color activity LED (1) two-color LED status indicator per drive EMM (3) two-color LED status indicators: one for each of the EMM SAS ports and one for the EMM status Power Supply / Cooling Fan Module (3) LED status indicators for power supply status, power/supply/fan fault and AC status
Power Supplies (per supply)	Wattage: 478W (Max continuous); 550W (peak) Max Heat Dissipation: 1430 BUT/hour (max) Input Voltage Range: 100-240V rated (actual 90-25V) Frequency Range: 47-53Hz Amperage: 7.2A at 100V, 3.6A at 200V

Technical Specifications (cont.)

Available Hard Drive Power (per slot)	Supported Continuous Consumption Up to 1.3A +12V; Up to 1.5A at +5V
Dimensions (H x W x D)	35.37 cm (78 lbs) (maximum configuration) 13.11cm (5.16") x 44.63cm (17.57") x 48.01cm (18.90")
Temperature	Operating: 10° to 35°C (50° to 95°F) Storage: -40° to 65°C (-40° to 149°F)
Relative Humidity	Operating: 20% to 80% (non-condensing) Storage: 5% to 95% (non-condensing)
Altitude	Operating: -15 to 3,048 m (-50 to 10,000 ft) Storage: -15 to 10,668 m (-50 to 35,000 ft)

Available Models

QTY x HDD Capacity	Total / Useable Storage*	Part Number
2 x 1 TB	2.0 / 1.0 Terabyte	EE-DAS-30020
3 x 1 TB	3.0 / 2.0 Terabyte	EE-DAS-30030
4 x 1 TB	4.0 / 3.0 Terabyte	EE-DAS-30040
5 x 1 TB	5.0 / 4.0 Terabyte	EE-DAS-30050
6 x 1 TB	6.0 / 5.0 Terabyte	EE-DAS-30060
7 x 1 TB	7.0 / 6.0 Terabyte	EE-DAS-30070
8 x 1 TB	8.0 / 7.0 Terabyte	EE-DAS-30080
9 x 1 TB	9.0 / 8.0 Terabyte	EE-DAS-30090
10 x 1 TB	10.0 / 9.0 Terabyte	EE-DAS-30100
11 x 1 TB	11.0 / 10.0 Terabyte	EE-DAS-30110
12 x 1 TB	12.0 / 11.0 Terabyte	EE-DAS-30120
13 x 1 TB	13.0 / 12.0 Terabyte	EE-DAS-30130
14 x 1 TB	14.0 / 13.0 Terabyte	EE-DAS-30140
15 x 1 TB	15.0 / 14.0 Terabyte	EE-DAS-30150

Connection – Detection - Response