

MDA (Military Disk Array)

Ultra-Rugged, high-performance RAID storage with innovative dual removable drive packs and dual SBB 2.0 compliant high-speed controllers each with two Fibre Channel 4Gb/s inputs.

PN: OSS-MDA-T5

Features

- Two easily removable drive packs, each pack holds six physical drives each capable of transporting 12TB of data (using 2TB SATA).
- Hermetically sealed drive packs to ensure operation to altitudes of 41,000 ft (12,496 m).
- Rugged and fully field deployable in harsh environments
- Sustained data transfer rates of over 300 MB/s per controller
- SBB 2.0 compliant I/O controller
- Thermal monitoring and control protects against extreme temperatures
- RAID levels 0, 1, 10, 5
- NAS capability through on board Ethernet



Specifications

Controller:	Single or Dual RAID controllers, supporting RAID levels 0, 1, 10, and 5
Performance:	Sustained data rates of over 300 MB/s per controller
Capacity:	Up to 12TB per drive pack, and 24TB per T5 system
Disk Drives:	500GB, 750GB, 1TB, and 2TB SATA
Host Interface:	8Gb FC SCSI u320
System Dimensions:	19" w x 6.97" h x 24" d (483 x 177 x 606 mm)
Drive Pack Dimensions:	8.2" w x 4.8" h x 11.2" d (208 x 122 x 285 mm)
System Weight:	65 Lbs (29.5 Kg)
Drive Pack w/six Drives:	15 Lbs (6.8 Kg)
Temperature:	Operating: -18C to +45C; 0F to +113F Non-operating: -55C to +71C; -67F to +160F
Operating Altitude:	0 to 41,000 Feet 0 to 12,496 Meters
Relative Humidity:	Operating: 6 – 95% Non-operating: 6 – 100%
Environment (Designed to meet):	Shock: MIL STD 810F Vibration: MIL STD 810F Temperature & Humidity: MIL STD 810F Salt Fog: MIL STD 810F Explosive Atmosphere: MIL STD 810F Emission/Immunity: MIL STD 461 (CE101, CE102, CS114, RE101, RE102, RS103)