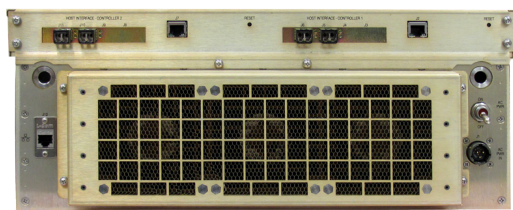




# MDA (Military Disk Array)

Product #OSS-MDA-T5



## Description

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.

## 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

<b>Controller</b>	Single or Dual RAID controllers, supporting RAID levels 0, 1, 10, and 5
<b>Performance</b>	Sustained data rates of over 300 MB/s per controller
<b>Capacity</b>	Up to 12TB per drive pack, and 24TB per T5 system
<b>Disk Drives</b>	500GB, 750GB, 1TB, and 2TB SATA
<b>Host Interface</b>	8Gb FC SCSI u320
<b>System Dimensions</b>	19"w x 6.97"h x 24"d (483 x 177 x 606 mm)
<b>Drive Pack Dimensions</b>	8.2"w x 4.8"h x 11.2"d (208 x 122 x 285 mm)
<b>System Weight</b>	65 Lbs (29.5 Kg)
<b>Drive Pack w/six Drives</b>	15 Lbs (6.8 Kg)
<b>Temperature</b>	<ul style="list-style-type: none"> <li>• Operating: -18C to +45C; 0F to +113F</li> <li>• Non-operating: -55C to +71C; -67F to +160F</li> </ul>
<b>Operating Altitude</b>	0 to 41,000 Feet 0 to 12,496 Meters
<b>Relative Humidity</b>	<ul style="list-style-type: none"> <li>• Operating: 6 – 95%</li> <li>• Non-operating: 6 – 100%</li> </ul>
<b>Environment (Designed to meet)</b>	<ul style="list-style-type: none"> <li>• Shock: MIL STD 810F</li> <li>• Vibration: MIL STD 810F</li> <li>• Temperature &amp; Humidity: MIL STD 810F</li> <li>• Salt Fog: MIL STD 810F</li> <li>• Explosive Atmosphere: MIL STD 810F</li> <li>• Emission/Immunity: MIL STD 461 (CE101, CE102, CS114, RE101, RE102, RS103)</li> </ul>





# MDA (Military Disk Array)

Product #OSS-MDA-T5

## MDA with drive packs shown



## Ordering Information

- OSS-MDA-T5-6TB** — 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. Includes 12 x 500GB SATA-II HDD (6 HDD per drive pack).
- OSS-MDA-T5-12TB** — 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. Includes 12 x 1TB SATA-II HDD (6 HDD per drive pack).
- OSS-MDA-T5-18TB** — 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. Includes 12 x 1.5TB SATA-II SSD (6 SSD per drive pack).
- OSS-MDA-T5-24TB** — Ultra-rugged, high-performance RAID storage with innovative dual removable drive packs and dual SBB 2.0 compliant high-speed controllers each with two Fiber Channel 8Gb/s inputs. Includes 12 x 2TB SATA-II SSD (6 SATA per drive pack).