

MDA (Military Disk Array)

Product #OSS-TALON4



Description

Rugged, high-performance RAID storage with innovative, removable drive packs and SBB 2.0 compliant controllers.

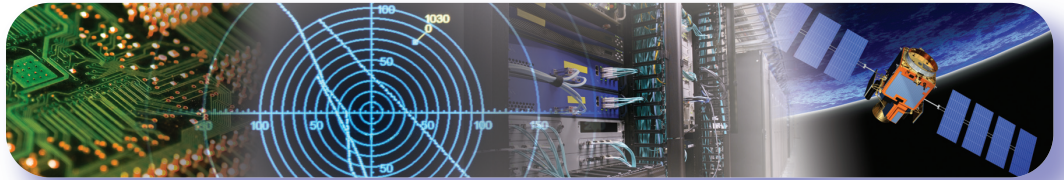
Features

- Two easily removable drive packs, each pack holds six physical drives each capable of transporting 6TB of data (using 1TB SATA).
- Optional 1.5 TB solid state drives for a total of 18TB
- Hermetically sealed drive packs to ensure operation at 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
- Powered by RAIDCore™ technology
- SBB 2.0 compliant I/O controller
- Thermal monitoring and control protects against extreme temperatures
- RAID levels 0, 1, 10, 5

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 6TB per drive pack, and 12TB per TALON 4 system
Disk Drives	500GB, 750GB, and 1TB SATA
Host Interface	4Gb FC or 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Operating: 6 – 95% • Non-operating: 6 – 100%
Environment Testing Compliance	<ul style="list-style-type: none"> • 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)





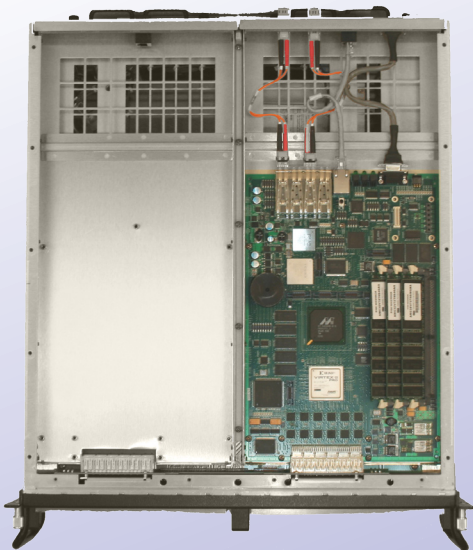
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Talon 4 with drives shown



Top View



Ordering Information

OSS-TALON4-6TB — Ultra-rugged, high-performance RAID storage with innovative dual removable drive packs and dual SBB 2.0 compliant high-speed controllers each with two Fiber Channel 4Gb/s inputs. Includes 12 x 500GB SATA-II HDD (6 HDD per drive pack).

OSS-TALON4-12TB — Ultra-rugged, high-performance RAID storage with innovative dual removable drive packs and dual SBB 2.0 compliant high-speed controllers each with two Fiber Channel 4Gb/s inputs. Includes 12 x 1TB SATA-II HDD (6 HDD per drive pack).