

Dell EMC PowerVault ME484 JBOD Specification Sheet

Purpose-built for DAS scalability, accelerated performance and reliability

Optimized for DAS

PowerVault ME484 JBOD is purpose-built and optimized for DAS virtualized workloads. Connecting the PowerVault ME484 JBOD to a Dell PowerEdge Server to address the challenges of server capacity expansion for flexibility and scalability ensures that business applications will always get high-speed and reliable access to their data – without compromise.

PowerVault ME484 Series Specifications	
Chassis Overview	
Chassis format	All-in-one (dual I/O modules, internal drive bays) with expansion options
Rack size	5U
I/O Modules	Dual IOM s
Internal storage	84 x 3.5" drive bays (2.5" drive carriers supported)
Capacity	
Drive count	Minimum 28 / Maximum 336 (4 enclosures)
Connectivity	Dell 12Gb SAS HBA
Storage media	SAS and NL-SAS drives; different drive types, transfer rates, rotational speeds can be mixed in the same system: <ul style="list-style-type: none"> • NLSAS (7.2K 3.5"): 4TB, 8TB, 10TB, 12TB, 12TB SED • SAS (10K 2.5"): 1.2TB, 1.8TB, 2.4TB, 2.4TB SED • SAS (15K 2.5"): 900GB, 900GB SED • SSD: 480GB, 960GB, 1.92TB, 1.92TB SED • SDD and HDD: FIPS-certified SEDs
Expansion I/O	
Host interface	12Gb SAS
Max ports	2 x 12Gb SAS ports
Functional	
Configurations	All-flash, hybrid or all HDD
Storage format	DAS
Data Protection, Disaster Recovery, Security	
Data-at-rest encryption	Self-encrypting drives (SEDs) in SSD or HDD formats Full Disk Encryption (FCE) based on AES-256 Drives certified to FIPS 140-2 Level 2

Management	
Management	Dell Storage PowerTools Server Hardware Manger
Supported host OS	Windows 2016 and 2012 R2 RHEL 7.4 and 6.9 SLES 12.3
Physical	
Rack size	5U
Expansion height	22.23 cm (8.75 inches)
Expansion width	48.30 cm (19.01 inches)
Expansion depth	97.47 cm (38.31 inches)
Weight (max configuration)	130.00 kg (287.00 lbs)
Weight (empty)	64.00 kg (141.00 lbs) without drives
Power	
Power/wattage	2200W
Heat dissipation	7507 BTU
Voltage	200-240 VAC
Frequency	50/60 Hz
Amperage	11.07-9.23A(x2)
Environmental Operating Conditions	
Operating temperature	41 - 95°F (5 - 35°C)
Non-operating temperature	-40 - 149°F (-40 - 65°C)
Operating humidity ranges (non-condensing)	10% to 80% with 29°C (84.2°F) maximum dew point
Non-operating humidity (non-condensing)	5% to 95% with 33°C (91°F) maximum dew point
Service & Warranty	
Services	<ul style="list-style-type: none"> • ProDeploy Enterprise Suite (ProDeploy Plus, ProDeploy, Basic Deployment) • ProSupport Enterprise Suite (ProSupport Plus, ProSupport Plus, Basic Support) • Intelligent Data Mobility migration services
OEM-Ready	
From bezel to BIOS to packaging, your storage arrays can look and feel as if they were designed and built by you. For more information, visit Dell.com/OEM	