Dell™ PowerVault™ MD1200 t Series
Carrier Grade

As a telecommunications Original Equipment Manufacturer (OEM), you've told us you need affordable performance, improved energy efficiency, and accelerated time-to-market to maximize ROI. With the Carrier Grade Dell PowerVault MD1200/MD1220 t, you get all that plus peace of mind with our Tier 1 quality and reliability, while providing storage expansion capability for PowerEdge servers or PowerVault storage arrays.

Telecom server solution

NEBS compliance is an important requirement in your environment. As a recognized global leader in enterprise platforms, Dell OEM Solutions offers NEBS Level-3 and ETSI-certified PowerVault™ Carrier Grade storage at tier 1 levels of stability and global availability. Our rack mount systems are designed to deliver high performance, maximum scalability, and safe and reliable service.

Dell's PowerVault Carrier Grade Storage solutions for OEM offer:

- Open standard systems.
  › Improved compatibility based on industry-leading Dell products
  › Rapidly scalable and easily expandable
- Industry standards Solutions.
  › NEBS Level 3 and ETSI certified
  › Designed for extreme conditions such as high humidity, earthquakes and dust
- Global regulatory support and availability

Service and support

Bring your game-changing innovations to market fast with our services, including design, manufacture, fulfillment and global support. We'll help you refine a product or design new products with the right services, so you can focus on your IP. Choose from services that can help you:

- Conduct applications testing on our hardware.
- Integrate hardware, image, applications, peripheral and documents as your systems are built.
- Consolidate, stage, deliver and support your orders globally.
- Provide your customers with the support they need, anything, anywhere with more than 30,000 Dell employees in tech support, parts and field services in more than 100 countries.

PowerVault MD1200/MD1220 t
Carrier Grade

- NEBS Level 3 and ETSI certified
- Tier 1 class hardware
- Comprehensive, global service and support

Feature	PowerVault MD1200 t Series Compliant Components		
Rack height	2U		
Host interface	6Gb/s SAS (SAS 2.0)		
Hard drive bays	MD1200 – Up to twelve (12) hot-pluggable 3.5 inch drives MD1220 – Up to twenty-four (24) 2.5 inc SAS, Near-line SAS and SSD drives		
3.5" Drives options[1]	15,000 RPM SAS drives available in 600GB 7,200 RPM Near-line SAS drives available in 1TB, 2TB and 3TB		
2.5" Drives options[1]	15,000 RPM SAS drives available in 300GB 10,000 RPM SAS drives available in 600GB and 900GB		
Expansion capacity	PERC H810 Host-RAID adapter enables expansion to 8 enclosures MD1200 t: Up to 96 drives MD1220 t: Up to 192 drives		
RAID levels	PERC H810 supports RAID levels 0, 1, 5, 6, 10, 50, 60		
Connectivity Configurations	**Unified mode (single path)**	For daisy chaining of up to 8 enclosures per PERC H800 (4 enclosures per port, single path)	
	Unified mode (redundant path)	For daisy chaining of up to 4 enclosures per PERC H800 (4 enclosures connected to both ports via redundant path cabling)	
	Split mode (dual Enclosure Management Modules)	Provides direct connectivity to drives 0 through 5 and a separate connectivity to drives 6 through 11	
Management	2 Enclosure Management Modules provide redundant enclosure management capability		
Power Supplies (per supply)	**Wattage:** 700W peak output **Max Heat Dissipation:** 2388 BTU/hr **Input Voltage:** 38V to 72V DC **Frequency Range:** N/A **Max Input Current:** 60A at 38V		
Physical	**Height x Width x Depth** MD1200 t: 8.7cm (3.43") x 48.2cm (18.98") x 59.4cm (23.39") MD1220 t: 8.7cm (3.43") x 48.2cm (18.98") x 54.1 (21.3") **Weight** MD1200 t: 28.39kg (62.6 lbs.) (maximum configuration) MD1220 t: 23.31kg (51 lbs.) (maximum configuration)		

[1]GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

Learn more at dell.com/OEM