

Vault V1000 Series

Rugged Compact Data Storage Appliance

Vault V1000 Series systems deliver enterprise-class data management and protection to rugged and mobile environments. Vault V1000 Series provides the unified storage and data management features of Vault V-Series, is easily deployed, and provides the NAS and SAN storage protocols and data services familiar to Vault V-Series users. Users can create, test, and development environments based on Vault V-Series storage without a dedicated system and stand up multiple virtual Vault V-Series instances cost effectively.

- Setup for NAS or SAN in minutes using the Unisphere wizards.
- Allow VMware administrators to manage storage from within VMware vCenter™.
- Reduce capacity requirements by up to 50% via thin provisioning and file deduplication.
- Optimize performance and simplify storage management with FAST VP automated tiering.

With the flexibility of software-defined storage, users can test features such as data protection and disaster recovery without the need for multiple V-Series systems. Perfect for NFV (network function virtualization), the Vault V1000 Series offers full support for OpenStack, VMware and other leading virtualization platforms. Vault V1000 Series is the perfect foundation for SDN and the network of the future.

Designed for extended temperature and high shock & vibration environments, Vault V1000 Series systems are ready to deliver secure connectivity to equipment deployed in harsh environments encountered in applications such as:

- DoD, Military, Defense
- Other Government Agencies (requiring rugged systems)
- Transportation (Railroad, Maritime, Bus, Truck)
- Aerospace
- Aviation
- Oil & Gas
- Engineering
- Telecom
- Service Providers
- Drilling and Mining Operations
- Emergency Services
- Energy
- & More



Environmental Specifications:

Temperature Ranges:	-20°C to +71°C operational; -40°C to +85°C storage
Operating shock:	40Gs; 11ms
Random vibration:	10Hz to 2000Hz
Humidity:	Up to 95% RH Non-condensing
Ingress Protection:	IP67 rated

Key Features and Benefits

- Supported Pool LUNs - Up to 10
- Maximum LUN Size - 4 TB
- Maximum FS Size - 3.9 TB
- Maximum Useable Capacity - 4 TB
- Maximum File Systems - 32
- Perfect for NFV (network function virtualization) - Full support for OpenStack, VMware and other leading virtualization platforms
- Removable solid state drives
- Rugged, fanless design with passive conductive cooling and circular MIL-DTL-38999 connectors
- MIL-STD-704F, MIL-STD-1275D, MIL-STD 810 F/G, MIL-STD 901D Grade A Shock, MIL-STD 167-1 Vibration, and aircraft high altitude environment compliant
- NEBS Level 3 and ETSI compliant
- 110V-240V AC and 9V-36V DC power options
- Efficient system design optimized for use in SWaP constrained applications

For more information, please contact your Vector Data account manager.

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