

Vault Edge Series

Rugged Compact Data Storage Appliance



Vault Edge systems deliver enterprise-class data management and protection to rugged environments. Powered by the ONTAP Select operating system, the Vault Edge Series give you a flexible storage platform with many of the same benefits as a dedicated Vault storage system. Included are the ONTAP-v™ operating system with native data deduplication and FlexClone®, SnapVault®, SnapRestore®, and SnapMirror® software, which leverage your central site's Vault storage system to back up, replicate, and archive remote site data to meet regulatory requirements and help prevent data loss.

FlexVol® technology enables you to create virtual volumes that you can provision and manage independently from physical storage. Additional features such as NetApp Snapshot® and built-in data deduplication let you store far more data on your internal storage. Built on the NetApp WAFL® (Write Anywhere File Layout) foundation, ONTAP Select gives you true edge-to-core data protection with maximum affinity to your existing FAS infrastructure.

Key Features and Benefits

- Add a virtual Vault storage system to rugged and mobile environments. ONTAP Select runs in a virtual machine and offers transparent data efficiency, flexibility, and protection as standard features.
- Distributed data center management and edge-to-core data protection provide affinity to your Vault storage infrastructure.
- 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-277V AC and 9V-72V DC power options
- Efficient system design optimized for use in SWaP constrained applications

Specifications:

CPU:	Intel Xeon-D Cores: 4-16
Memory:	32GB – 128GB
Chipset:	System on Chip (based on Intel Xeon-D)
Raid Controller:	LSI SAS 3109 12Gbps RAID 0/1/5/10/50/60 Processor: 1.2ghz Dual-Core ROC Cache: 1GB DDR3 Battery: Capacitor-based backup battery
Drives:	Up to 8x SSD, SAS or SATA (500GB – 30TB Drives)
Capacity:	2TB – 210TB (usable)
Software:	VMWare ESXi or KVM NetApp ONTAP Select Premium
Network:	2x RJ45 10GBase-T Ports (Intel X557)
Management:	1x RJ45 Dedicated IPMI/BMC Port (ASPEED AST2500)
USB:	2x USB3.0 Ports
Video:	VGA Port
Dimensions:	4 drives (cube): 9"W x 9"D x 4.875"H 4 drives (deep): 8"W x 16"D x 4"H 8 drives: 13"W x 16"D x 2"H Rackmount (2 node): 17.2"W x 16"D x 4"H
Weight:	Up to 15 lbs
Operating Temperature:	32F - 131F (0 - 55c)
Non-Operating Temperature:	-4 - 167F (-20 - 75C)
Operating Humidity:	10% - 85% (non-condensing)
Non-Operating Humidity:	10% - 95% (non-condensing)

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