

## Vault Edge Rugged Laptop

### 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. The ONTAP® Select operating system includes 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. Perfect for NFV (network function virtualization), the Vault Edge Rugged Laptop offers full support for VMware. Vault Edge is the perfect foundation for SDN and the network of the future.

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 infrastructure.

Designed for extended temperature and high shock & vibration environments, Vault Edge 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:

##### MIL-STD 810G and 461F certified

<b>Temperature Ranges:</b>	-4°F to 131°F / -20°C to 55°C operational; -40°F to 160°F / -40°C to 71°C storage
----------------------------	--

<b>Operating shock:</b>	40Gs; 11ms
-------------------------	------------

<b>Humidity:</b>	Up to 95% RH Non-condensing
------------------	-----------------------------

<b>Ingress Protection:</b>	IP65 rated
----------------------------	------------

#### 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.
- Perfect for NFV (network function virtualization), the Vault Edge Rugged Laptop offers full support for VMware
- Distributed data center management and edge-to-core data protection provide affinity to your Vault storage infrastructure.
- Removable solid state drives
- MIL-STD 810 F/G, MIL-STD 461F certification
- NEBS Level 3 and ETSI compliant
- IP65 rated ingress protection
- Protected against shock, vibration, and extreme temperature environments

## Vault Edge Rugged Laptop Technical Specifications:

<b>CPU</b>	Intel® Core™ i7-4610M vPro 3.0GHz processor with Intel® Turbo Boost Technology up to 3.7GHz 4MB Intel Smart Cache Intel Core i5-4310M vPro 2.7GHz processor with Intel Turbo Boost Technology up to 3.4GHz 3MB Intel Smart Cache
<b>Memory</b>	32GB
<b>Storage</b>	2TB SSD (1.7TB usable)
<b>VGA Controller</b>	Intel HD Graphics 4600 Optional NVIDIA® GeForce GTX950M 4GB GDDR5 discrete graphic controller
<b>Display</b>	15.6" TFT LCD FHD (1920 x 1080) 800 NITs QuadraClear® sunlight readable display Optional touchscreen
<b>Keyboard</b>	Waterproof LED backlit membrane keyboard Optional waterproof LED backlit rubber keyboard
<b>Media Bay Options</b>	Super multi-DVD Optional 2nd battery Optional 2nd SSD
<b>Expansion Slots</b>	ExpressCard/54 SmartCard reader SD card reader Optional PCMCIA Type II
<b>Expansion Unit</b>	Optional PCI or PCI-Express (x2 slots)
<b>Security</b>	Intel vPro™ Technology (per CPU options) TPM 1.2 Smartcard reader Cable lock slot Fingerprint scanner NIST BIOS compliant Optional Absolute DDS software
<b>Communications</b>	10/100/1000 base-T Ethernet Intel Dual Band Wireless-AC 7260; 802.11ac Bluetooth (v4.0) Optional SiRFstarIV™ GPS Optional 3G mobile broadband
<b>Power</b>	AC adapter (90W, 100-240V, 50/60Hz) Li-Ion smart battery (8700mAh) Optional media bay 2nd Li-Ion battery (8700mAh)
<b>Dimensions &amp; Weight</b>	16.1" x 11.4" x 2.5" (410 x 290 x 65 mm) 11.4 lbs (5.2 kg), varies depending on options

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

All brands or products are trademarks or registered trademarks of their respective holders and should be treated as such.

Copyright © 2017 Vector Data LLC.