

Vault H2140

Hyper-converged platform

Vault H2140 is an integrated solution that combines data storage, compute, and network, all run on a common set of physical resources in a single 2U chassis and decoupled from the underlying infrastructure. Using hyper-converged infrastructure you can start with a small deployment, and scale out as needed to support increasing workloads. It is the perfect foundation for SDN and the network of the future. Vault H2140 is rated for extreme temperature environments, and also features an optional air filter for protection against dust particles.

Powered by Netapp ONTAP®, Vault H2140 gives you a flexible storage platform with many of the same benefits as a dedicated Vault storage system. Vault H2140 leverages the ONTAP® Select operating system to provide a flexible storage architecture. Take advantage of efficient data reduction technologies, including embedded data deduplication and compression, along with space-efficient FlexClone® and Snapshot® features. Built-in data protection, using our SnapVault® and SnapMirror® software, provides backup and recovery and disaster recovery (DR) to any ONTAP based storage system—across the hybrid cloud. NetApp SnapRestore® software, available separately, uses local Snapshot copies to recover entire file systems or data volumes in seconds, regardless of capacity or number of files.

Vault H2140 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)
- Retail
- Remote Office/Branch Office (ROBO)
- Transportation (Railroad, Maritime, Bus, Truck)
- Aerospace
- Aviation
- Oil & Gas
- Engineering
- Telecom
- Service Providers
- Drilling and Mining Operations
- Emergency Services
- Energy
- & More



Features:

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- Up to 4x system nodes in a single 2U chassis
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- All nodes, power supplies, and storage are hot-swappable
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- Up to 24x 2.5" SAS HDD or SSD
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- Up to 8x Intel® Xeon® E5-2600 Processors (2x per node)
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- Up to 1024GB maximum memory per node
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- 8x total 1GbE network ports (2 per node)
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- Optional 8x total 10GbE network ports (2 per node)
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- Integrated management port
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- Optional integrated FDR InfiniBand
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- Four risers with 80 I/O lanes available per node
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Key Benefits

- Simplify operations and lower training requirements with consistent management across storage, networking, and compute, all in one platform.
- Perfect for NFV (network function virtualization) - Full support for OpenStack, VMware and other leading virtualization platforms
- NEBS Level 3 and ETSI compliant
- AC and DC power options

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

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