

Vault V3200 Unified Storage System

Built on EMC® technology, the Vault V3200 is a dense, 2U dual-controller unified storage system that provides FC and IP connectivity for concurrent SAN or NAS operations.

With it you can:

- Setup for NAS or SAN in minutes with new Unisphere wizards.
- Reduce capacity requirements by up to 50% via thin provisioning and file deduplication
- Store 200 VSPEX VM's with the MCx optimized architecture.

The V3200 has the affordability, simplicity, and efficiency of an entry level system and adds support for MCx™ multicore optimization, FAST™ Cache SSD caching, FAST VP auto-tiering, and Fibre Channel host connectivity. These enterprise-class features were previously reserved for higher-end storage systems. With the award-winning ease of use of Unisphere™ Management Software, the V3200's deep integration with VMware and Microsoft for simplified provisioning and deploying virtualized applications there is no need to be a storage expert to take advantage of this powerful storage system.

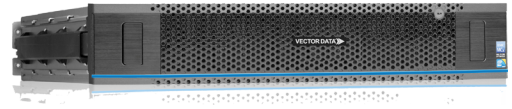
The NEBS Level 3 and ETSI certified Vault V3200 has both AC and DC power options, providing network operators with a consistent storage product across their entire infrastructure.

V3200 Physical Specifications

Min/Max Drives	6 to 150*
Max FASTCache	400GB
Drive Enclosure Options	25x2.5" Flash/SAS drives (2U) 12x3.5" SAS/NL SAS drives (2U)
CPU / Memory per Controller	2.2 GHz Xeon (Sandy Bridge) Quad Core / 24G
Base 10GB/s IP Ports per Controller	4**
Max Flex IO Modules per Controller	1
Raid Options	RAID 10/5/6

* 500 TB max capacity

** Ports can auto-negotiate to 1GbE



Product Highlights

SIMPLE

- Setup NAS or SAN in minutes with new Unisphere wizards
- Tight VMware and Microsoft application integration
- Integrated service ecosystem for remote monitoring and repair

EFFICIENT

- Automated set and forget tuning with FAST
- Reduce capacity requirements by up to 50% with thin provisioning and file deduplication
- Flash optimized MCx multicore
- Simple system management with health monitoring and alerts

PROTECTED

- Appsync™ simple, SLA driven protection
- Basic and advanced protection options including snapshots, native Remote Protection and RecoverPoint
- VSPEX proven architectures integrate the new V3200 & Data Domain DD2200

ALL FLASH

- Unified; Multi-protocol
- Up to 75K IOPS performance
- Affordable price, \$/IOPS, \$/GB

V3200 CONNECTIVITY

The V3200 provides flexible DAS, NAS, or SAN connectivity options through Ethernet and Fibre Channel ports and supports a wide range of protocols including CIFS (SMB 1, SMB 2 and SMB 3), NFSv3, iSCSI, and Fibre Channel.

TECHNICAL SPECIFICATIONS

SUPPORTED DISK DRIVES

	100 GB*	200 GB*	800 GB**	300 GB	600 GB	600 GB	900 GB	2 TB NL	4TB NL
Interface	6 Gb/s SAS	6 Gb/s SAS	6 Gb/s SAS	6 Gb/s SAS	6 Gb/s SAS	6 Gb/s SAS	6 Gb/s SAS	6 Gb/s SAS	6 Gb/s SA
Capacity (RPM)	100GB (Flash)	200GB (Flash)	800GB (Flash)	300GB (15,000)	600GB (15,000)	600GB (10,000)	900 GB (10,000)	2 TB NL (7,200)	4TB NL (7,200)
Form Factor	2.5", 3.5"	2.5", 3.5"	2.5"	2.5", 3.5"	3.5"	2.5", 3.5"	2.5", 3.5"	3.5"	3.5"

PHYSICAL DIMENSION (APPROXIMATE)

	V3200 Processor Enclosure (3.5" Drives)	V3200 Processor Enclosure (2.5" Drives)	V3200 Expansion Enclosure (12x 3.5" Drives)	V3200 Expansion Enclosure (25x 2.5" Drives)
Dimensions (H/W/L)	3.40 in x 17.5 in x 20.0 in/ 8.64 cm x 44.45 cm x 50.8 cm	3.40 in x 17.5 in x 17.0 in/ 8.64 cm x 44.45 cm x 43.18 cm	3.40 in x 17.5 in x 20.0 in/ 8.64 cm x 44.45 cm x 50.8 cm	3.40 in x 17.5 in x 13.0 in/ 8.76 cm x 44.45 cm x 33.02 cm
Weight	61.8lb/28.1kg	51.7lb/23.5kg	52.0lb/23.6kg	48.1lb/21.8kg

SYSTEM LIMITS AND SUPPORT

Supported Pool LUNs	Up to 512
Maximum LUN Size	16TB M
Maximum FS Size	16 TB
Total Raw Capacity	500 TB
Maximum File Systems	500

FLEX IO MODULE OPTIONS

1GbE	4 ports per module
10GbE Optical	4 ports per module
8 Gb/s Fibre Channel Module	4 ports per module

ABOUT US

Vector Data builds ruggedized and custom computing platforms including DC Power, NEBS Certified, ATT-TP, ETSI, and MIL-STD for telecom, aerospace, military, oil & gas, and other demanding industries that cannot deploy standard COTS products.

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