



NeoSapphire H510

- True high-availability solution with real-time data synchronization between 2 complete nodes
- Symmetric active-active for high availability with essentially zero downtime
- Abundant software functions for OLTP, VDI and database applications



NeoSapphire All-Flash Array



NeoSapphire H510 All-Flash Array SPECIFICATIONS

Form Factor	2U rack mount	
IOPS for 4KB Random Writes ¹	360K sustained	
Flash Management	FlexiRemap [®] technology	
Usable Capacity ²	Max. 28TB	
Number of SSDs	24	
SSD Type	SATA	
Flash Type	Enterprise-class MLC/TLC	
Connectivity	8 x 10GbE SFP+	Or 4 x 16G Fibre Channel LC SFP+
Storage Protocol	iSCSI	Or Fibre Channel
Management Interface	Web GUI (via HTTP/HTTPS)	CLI (via serial port)
Power Supply	1000W/1280W 1+1 redundant	
Feature Highlight	<ul style="list-style-type: none"> • High Availability via shared-nothing architecture with symmetric Active-Active nodes • No single point of failure • Efficient FlexiDedupe[™] data reduction • 100% data write protection even when disaster strikes 	
Software function	<ul style="list-style-type: none"> • Free Clone • Snapshot • Snapshot Backup/Recovery • Group Snapshot • Remote Replication • Thin Provisioning 	<ul style="list-style-type: none"> • Thick Provisioning • Inline Deduplication • Background Deduplication • vSphere Web Client Plug-in • SED • RESTful API
Certification	<ul style="list-style-type: none"> • VMware Ready • VMware VAAI Block • Microsoft Windows Server 2016 • Microsoft Windows Server 2012 R2 	<ul style="list-style-type: none"> • Microsoft Windows Server 2012 • DataCore SMPA Qualified • Tiger Technology Certified
Dimensions (W x D x H)	438mm x 730mm x 88mm (17.3in x 28.8in x 3.5in)	
Net Weight ³	24.8kg (54.7lb)	
Environmental Temperature	Operating: 10°C to 35°C (50°F to 95°F) Storage (non-operating): -20°C to 60°C (-4°F to 140°F)	
Environmental Humidity	Operating: 10% to 90% non-condensing Storage (non-operating): 5% to 95% non-condensing	

¹ Based on designated testing conditions. IOPS performance is tested on one standalone H510. Performance may vary with different applications or product configurations.

² Usable capacity refers to the approximation of the storage capacity that users can have. The accurate usable capacity may vary depending on software configurations and other factors.

³ Weight may vary depending on components and manufacturing variability.

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