



NeoSapphire P310

- Featuring NVMe drives with significantly low latency and reduced overhead
- Superior performance with 700K IOPS for 4KB random writes in a compact 1U form factor
- Abundant software features for virtualization and enterprise applications
- Support for iSCSI, NFS, and CIFS/SMB over six 10GbE ports



NeoSapphire All-Flash Array



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SPECIFICATIONS

Form Factor	1U rack mount	
IOPS for 4KB Random Writes ¹	700K sustained	
Flash Management	FlexiRemap technology	
Raw Capacity	6TB	
Usable Capacity ²	3TB	
Number of SSDs	8	
SSD Type	NVMe	
Flash Type	MLC	
Connectivity	6 x 10GbE SFP+	
Storage Protocol	iSCSI NFS, CIFS/SMB	
Management Interface	Web-based management interface (via HTTP/HTTPS) CLI (via serial port or SSH)	
Power Supply	650W 1+1 redundant	
Feature Highlight	<ul style="list-style-type: none"> • Optimized low-latency performance • Outperforming IOPS via mainstream connectivity • Abundant software functions • Data protection through redundancy 	
Software function	<ul style="list-style-type: none"> • Free Clone • Snapshot • Snapshot Backup/Recovery • Thin Provisioning 	<ul style="list-style-type: none"> • Thick Provisioning • Inline Deduplication (Zero Page) • vSphere Web Client Plug-in
Certification	<ul style="list-style-type: none"> • VMware Ready • VMware VAAI Block • Microsoft Windows Server 2016 	<ul style="list-style-type: none"> • Microsoft Windows Server 2012 R2 • Microsoft Windows Server 2012
Dimensions (W x D x H)	482.6mm x 787.4mm x 44.4 mm (19in x 31in x 1.75in)	
Net Weight ³	17kg (37.5lb)	
Environmental Temperature	Operating: 10°C to 35°C Storage (non-operating): -20°C to 60°C	
Environmental Humidity	Operating: 10% to 90% non-condensing Storage (non-operating): 5% to 95% non-condensing	

¹ Based on designated testing conditions. 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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