



## 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



NeoSapphire All-Flash Array



NeoSapphire P310 All-Flash Array		SPECIFICATIONS	
<b>Form Factor</b>	1U rack mount		
<b>Performance<sup>1</sup></b>	Up to 700K IOPS (<0.35 ms latency) for 4KB 100% random writes		
<b>Flash Management</b>	FlexiRemap <sup>®</sup> technology		
<b>Usable Capacity<sup>2</sup></b>	3TB		
<b>Number of SSDs</b>	8		
<b>SSD Type</b>	NVMe		
<b>Connectivity</b>	6 x 10GbE SFP+	Or 4 x 16G Fibre Channel LC SFP+	
<b>Storage Protocol</b>	iSCSI NFS, CIFS/SMB	Or Fibre Channel	
<b>Management Interface</b>	Web-based management interface (via HTTP/HTTPS) CLI (via serial port or SSH)		
<b>Power Supply</b>	650W 1+1 redundant		
<b>Power Consumption</b>	Nominal: 215 Watts	Average: 292 Watts	Peak: 477 Watts
<b>Feature Highlight</b>	<ul style="list-style-type: none"> <li>• Optimized low-latency performance</li> <li>• Outperforming IOPS via mainstream connectivity</li> <li>• Abundant software functions</li> <li>• Data protection through redundancy</li> </ul>		
<b>Software function</b>	<ul style="list-style-type: none"> <li>• Free Clone</li> <li>• Snapshot</li> <li>• Snapshot Backup/Recovery</li> <li>• Group Snapshot</li> <li>• Remote Replication</li> <li>• Thin Provisioning</li> </ul>	<ul style="list-style-type: none"> <li>• Thick Provisioning</li> <li>• Inline Deduplication</li> <li>• Background Deduplication</li> <li>• vSphere Web Client Plug-in</li> <li>• SED</li> <li>• RESTful API</li> </ul>	
<b>Certification</b>	<ul style="list-style-type: none"> <li>• VMware Ready</li> <li>• VMware VAAI Block</li> <li>• Microsoft Windows Server 2016</li> </ul>	<ul style="list-style-type: none"> <li>• Microsoft Windows Server 2012 R2</li> <li>• Microsoft Windows Server 2012</li> </ul>	
<b>Dimensions (W x D x H)</b>	482.6mm x 787.4mm x 44.4 mm (19in x 31in x 1.75in)		
<b>Net Weight<sup>3</sup></b>	17kg (37.5lb)		
<b>Environmental Temperature</b>	Operating: 10°C to 35°C Storage (non-operating): -20°C to 60°C		
<b>Environmental Humidity</b>	Operating: 10% to 90% non-condensing Storage (non-operating): 5% to 95% non-condensing		

<sup>1</sup> Based on optimal testing configuration, performance may vary with different applications or product configurations.

<sup>2</sup> 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; usable capacity is not made by deduplication, compression, neither thin-provisioning.

<sup>3</sup> Weight may vary depending on components and manufacturing variability.

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