



# NeoSapphire All-Flash Array

## High performance

Over 700K IOPS for 4KB random write

## Low total cost of ownership

Enable cost-effective investment

## Complete product portfolio

From economic model to total package



	Ethernet					InfiniBand		Fibre Channel		ETH/FC
Model	NS3401	NS3405	NS3411	NS3413	NS3706-ES1	NS3501	NS3505	NS3605	NS3611	P710
<b>Form Factor</b>	1U rack mount	1U rack mount	1U rack mount	2U rack mount	2U rack mount	1U rack mount	1U rack mount	1U rack mount	1U rack mount	2U rack mount
<b>IOPS for 4KB Random Write</b>	300K sustained	360K sustained	360K sustained	600K sustained	360K sustained	360K sustained	500K sustained	360K sustained	360K sustained	700K sustained
<b>Flash Management</b>	FlexiRemap technology									
<b>Usable Capacity*</b>	1TB	5TB	11TB	13TB	6TB	1TB	5TB	5TB	11TB	11TB / 23TB
<b>Number of SSD</b>	8 x hot-swappable SSD	10 x hot-swappable SSD	20 x hot-swappable SSD	24 x hot-swappable SSD	24 x hot-swappable SSD	8 x hot-swappable SSD	10 x hot-swappable SSD	10 x hot-swappable SSD	20 x hot-swappable SSD	24 x hot-swappable SSD
<b>Flash Type</b>	MLC									
<b>Connectivity</b>	2 x 10GbE SFP+	4 x 10GbE SFP+	4 x 10GbE SFP+	4 x 10GbE SFP+	4 x 10GbE SFP+	1 x 56Gb/s FDR InfiniBand QSFP	1 x 56Gb/s FDR InfiniBand QSFP	2 x 16G Fibre Channel LC SFP+	2 x 16G Fibre Channel LC SFP+	6 x 10GbE SFP+ Or 4 x 16G Fibre Channel LC SFP+
<b>Storage Protocol</b>	iSCSI, NFS, CIFS/SMB	iSCSI, NFS, CIFS/SMB	iSCSI, NFS, CIFS/SMB	iSCSI, NFS, CIFS/SMB	iSCSI	iSCSI/iSER, SRP, NFS, CIFS/SMB	iSCSI/iSER, SRP, NFS, CIFS/SMB	Fibre Channel	Fibre Channel	iSCSI, NFS, CIFS/SMB Or Fibre Channel
<b>Management Interface</b>	Web-based management interface (via HTTP/HTTPS) CLI (via serial port)	Web-based management interface (via HTTP/HTTPS) CLI (via serial port)	Web-based management interface (via HTTP/HTTPS) CLI (via serial port)	Web-based management interface (via HTTP/HTTPS) CLI (via serial port)	Web-based management interface (via HTTP/HTTPS) CLI (via serial port)	Web-based management interface (via HTTP/HTTPS) CLI (via serial port)	Web-based management interface (via HTTP/HTTPS) CLI (via serial port)	Web-based management interface (via HTTP/HTTPS) CLI (via serial port)	Web-based management interface (via HTTP/HTTPS) CLI (via serial port)	Web-based management interface (via HTTP/HTTPS) CLI (via serial port or SSH)
<b>Power Supply</b>	700W/750W 1+1 redundant	700W/750W 1+1 redundant	400W 1+1 redundant	900W 1+1 redundant	1000W/1280W 1+1 redundant	700W/750W 1+1 redundant	700W/750W 1+1 redundant	700W/750W 1+1 redundant	400W 1+1 redundant	920W 1+1 redundant
<b>Feature Highlight</b>	<ul style="list-style-type: none"> <li>Affordable high performance in compact form factor</li> <li>Data protection through redundancy</li> </ul>	<ul style="list-style-type: none"> <li>Affordable high performance in compact form factor</li> <li>Data protection through redundancy</li> </ul>	<ul style="list-style-type: none"> <li>High density with 20 drives in 1U rack space</li> <li>Data protection through redundancy</li> </ul>	<ul style="list-style-type: none"> <li>Outperforming IOPS via mainstream connectivity</li> <li>Two SSDs for hot spares</li> <li>Data protection through redundancy</li> </ul>	<ul style="list-style-type: none"> <li>High availability via shared-nothing architecture with dual nodes</li> <li>Real-time synchronization between 2 nodes</li> <li>Active-active working model for no downtime</li> <li>Two SSDs for hot spares</li> </ul>	<ul style="list-style-type: none"> <li>Low-latency connectivity for HPC applications</li> <li>Data protection through redundancy</li> </ul>	<ul style="list-style-type: none"> <li>High performance in compact form factor</li> <li>Low-latency connectivity for HPC applications</li> <li>Data protection through redundancy</li> </ul>	<ul style="list-style-type: none"> <li>Optimized low-latency performance for SANs</li> <li>High performance in compact form factor</li> <li>Data protection through redundancy</li> </ul>	<ul style="list-style-type: none"> <li>Optimized low-latency performance for SANs</li> <li>High density with 20 drives in 1U rack space</li> <li>Data protection through redundancy</li> </ul>	<ul style="list-style-type: none"> <li>Outperforming IOPS via mainstream connectivity</li> <li>Two SSDs for hot spares</li> <li>Data protection through redundancy</li> <li>Abundant options for software function</li> </ul>
<b>Certification</b>	• VMware Ready	• VMware Ready	• VMware Ready	• VMware Ready	---	---	---	• VMware Ready • VMware VAAI Block • DataCore Ready • Tiger Technology certified	• VMware Ready • VMware VAAI Block • DataCore Ready • Tiger Technology certified	• VMware Ready • VMware VAAI Block

\* 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.

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