



## NeoSapphire™ H710

- Provides various data reduction while offering single node with 600K IOPS for 4KB random write
- High availability via share-nothing architecture with symmetric active-active nodes
- Built in cross-platform data backup function
- Built for data center, cloud computing, HPC, AI, virtualization, OLTP and data mining



FlexiRemap®

NeoSapphire™ All-Flash Array



## NeoSapphire™ H710 All-Flash Array and Expansion Enclosure SPECIFICATIONS

	NeoSapphire™ H710	NeoSapphire™ J212	NeoSapphire™ J214
<b>Form Factor</b>	4U rack mount	2U rack mount	4U rack mount
<b>Expansion Enclosure</b>	J212 or J214	---	---
<b>IOPS for 4KB Random Writes<sup>1</sup></b>	600K sustained	---	---
<b>Flash Management</b>	FlexiRemap® technology		
<b>Usable Capacity<sup>2</sup></b>	5 / 14 / 28 / 57 TB w/ Expansion Max. 400 TB	Max. 115 TB	Max. 345 TB
<b>Effective Capacity<sup>3</sup></b>	17 / 42 / 84 / 171 TB	---	---
<b>Number of SSDs</b>	48 drives w/ J212 Expansion Max. 144 drives w/ J214 Expansion Max. 336 drives	24	72
<b>SSD Type</b>	SATA	SATA	SATA
<b>Connectivity</b>	16 x 10GbE SFP+ Or 8 x 16G Fibre Channel LC SFP+	2 x 12G SAS ports (8 lanes per port)	2 x 12G SAS ports (8 lanes per port)
<b>Storage Protocol</b>	iSCSI or Fibre Channel	---	---
<b>Management Interface</b>	Web GUI (via HTTP/HTTPS) CLI (via serial port or SSH)	---	---
<b>Power Supply</b>	920W 1+1 redundant (per node) Or 920W+BBP (per node)	740W 1+1 redundant	1000W/1200W 1+1 redundant
<b>Feature Highlight</b>	<ul style="list-style-type: none"> <li>• High Availability via shared-nothing architecture with symmetric Active-Active nodes</li> <li>• No single point of failure</li> <li>• Scale-up capability</li> <li>• Efficient FlexiDedupe™ data reduction</li> <li>• Outstanding write-through performance</li> </ul>	<ul style="list-style-type: none"> <li>• 2U 24-bay space-saving high density model for storage capacity expansion</li> <li>• High speed 12Gb/s SAS expansion connectivity</li> <li>• Online capacity expansion</li> </ul>	<ul style="list-style-type: none"> <li>• 4U 72-bay space-saving high density model for storage capacity expansion</li> <li>• High speed 12Gb/s SAS expansion connectivity</li> <li>• Online capacity expansion</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> <li>• Thick Provisioning</li> <li>• Inline Deduplication</li> <li>• Inline Compression</li> <li>• vSphere Web Client Plug-in</li> <li>• SED</li> <li>• RESTful API</li> </ul>	---	---
<b>Dimensions (W x D x H)</b>	437mm x 630mm x 89mm (17.2in x 24.8in x 3.5in) (per node)	437mm x 630mm x 89mm (17.2in x 24.8in x 3.5in) (per node)	437mm x 699mm x 178mm (17.2in x 27.5in x 7in) (per node)
<b>Net Weight<sup>4</sup></b>	19.8kg (43.7lb) (per node)	26.39kg (58lb)	38.34kg (84lb)
<b>Environmental Temperature</b>	Operating: 10°C to 35°C (50°F to 95°F) Storage (non-operating): -20°C to 60°C (-4°F to 140°F)		
<b>Environmental Humidity</b>	Operating: 10% to 90% non-condensing Storage ( non-operating): 5% to 95% non-condensing		

<sup>1</sup> Based on designated testing conditions. 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; usable capacity is not made by deduplication, compression, neither thin-provisioning.

<sup>3</sup> Data reduction ratio might vary by different applications.

<sup>4</sup> Weight may vary depending on components and manufacturing variability.

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