

# IBM Storwize V7000

## IBM Storwize V7000 at a glance

<b>Host interface</b>	SAN or direct-attached, 10 Gbps Ethernet (iSCSI), 16 Gbps Fibre Channel (FC, FC-NVMe) and 25 Gbps Ethernet (iSCSI, iWARP, RoCE), 4-port 32 Gb FC with FC-NVMe
<b>User interface</b>	GUI
<b>Supported drives</b>	2.5-inch NVMe FCMs <ul style="list-style-type: none"> <li>• 4.8 TB, 9.6 TB and 19.2 TB compressing FCMs</li> </ul> 2.5-inch NVMe flash drives <ul style="list-style-type: none"> <li>• 800 GB, 1.92 TB, 3.84 TB, 7.68 TB and 15.36 TB</li> </ul>
<b>RAID levels</b>	DRAID 5 (CLI-only), 6 and TRAIID 10
<b>Maximum drives supported</b>	760 per control enclosure; 3,040 per clustered system
<b>SAS Expansion enclosures</b>	Model 12F/24F 2U 12 or 24 drive Model 92F 5U 92 drive 2.5-inch flash drives supported: <ul style="list-style-type: none"> <li>• 800 GB, 1.6 TB, 1.92 TB, 3.84 TB, 7.68 TB, 15.36 TB, and 30.72TB</li> </ul> 2.5-inch disk drives supported: <ul style="list-style-type: none"> <li>• 600 GB and 900 GB 15k SAS drive</li> <li>• 600 GB, 900 GB, 1.2 TB, 1.8 TB and 2.4 TB 10k SAS disk</li> <li>• 2 TB 7.2k nearline SAS disk</li> </ul> 3.5-inch disk drives supported: <ul style="list-style-type: none"> <li>• 4 TB, 6 TB, 8 TB, 10 TB, 12 TB, and 14 TB 7.2k nearline SAS disk</li> </ul>
<b>Fans and power supplies</b>	Fully redundant, hot swappable
<b>Rack Support</b>	Standard 19-Inch
<b>Management software</b>	IBM Spectrum Virtualize software
<b>Cores per control enclosure/clustered system</b>	32/128
<b>Cache per control enclosure/clustered system</b>	128 or up to 1,152GB / 512 or up to 4,608 GB
<b>Advanced features included with each system</b>	Virtualization of internal storage, data migration, data reduction pools with thin provisioning, unmap and deduplication
<b>Additional available advanced features</b>	Remote mirroring, Easy Tier, compression, external virtualization, encryption, FlashCopy, IBM Spectrum Control, IBM Spectrum Protect Snapshot
<b>Warranty</b>	Hardware: <ul style="list-style-type: none"> <li>• 3-year limited warranty</li> <li>• Customer-replaceable units</li> <li>• On-site service</li> <li>• Next business day between 9 a.m. and 5 p.m.</li> <li>• Service upgrades available</li> </ul> Software: <ul style="list-style-type: none"> <li>• Software maintenance agreement available</li> </ul>

<b>Replication services</b>	FlashCopy, IBM Spectrum Protect Snapshot, Metro Mirror (synchronous), Global Mirror (asynchronous)
<b>Dimensions</b>	Control enclosures <ul style="list-style-type: none"><li>• Width: 483 mm (19.0 in.)</li><li>• Depth: 850 mm (33.5 in.)</li><li>• Height: 88 mm (3.5 in.)</li></ul>
<b>Weight</b>	Control enclosures: <ul style="list-style-type: none"><li>• Fully configured (24 drive modules installed): 46.6 kg (102.5 lb)</li></ul>
<b>Supported Systems</b>	For a list of currently supported servers, operating systems, host bus adapters, clustering applications and SAN switches and directors, refer to the IBM System Storage Interoperation Center: <a href="https://www.ibm.com/systems/support/storage/ssic/interoperability.wss">https://www.ibm.com/systems/support/storage/ssic/interoperability.wss</a>
<b>Independent Software vendors (ISV) solutions</b>	For a list of high-quality solutions with our partner ISVs, including access to solution briefs and white papers, refer to the ISV Solutions Resource Library: <a href="https://www.ibm.com/partnerworld/wps/pub/systems/whyibm/programs">https://www.ibm.com/partnerworld/wps/pub/systems/whyibm/programs</a>

---

To view the full asset, click [here](#)