

IBM Storwize V7000

IBM Storwize V7000 at a glance

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

Replication services	FlashCopy, IBM Spectrum Protect Snapshot, Metro Mirror (synchronous), Global Mirror (asynchronous)
Dimensions	Control enclosures <ul style="list-style-type: none">• Width: 483 mm (19.0 in.)• Depth: 850 mm (33.5 in.)• Height: 88 mm (3.5 in.)
Weight	Control enclosures: <ul style="list-style-type: none">• Fully configured (24 drive modules installed): 46.6 kg (102.5 lb)
Supported Systems	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: https://www.ibm.com/systems/support/storage/ssic/interoperability.wss
Independent Software vendors (ISV) solutions	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: https://www.ibm.com/partnerworld/wps/pub/systems/whyibm/programs



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