

IBM Storwize V5100

IBM Storwize V5100 at a glance

Models	IBM Storwize V5100, model 424 IBM Storwize V5100F, model AF4
Host interface	10 Gbps Ethernet (iSCSI), 25 Gbps Ethernet (iSCSI, iWARP, RoCE) 16 Gbps Fibre Channel (FC, FC-NVMe), 32 Gbps Fibre Channel (FC-NVMe)
User interface	Web 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	RAID levels 0,1, with distributed DRAID 5 (CLI-only) and 6, TRAITD 10
Maximum drives supported	760 per control enclosure; 1,520 per clustered system
SAS expansion enclosures	<p>Control enclosure model 424 supports the following expansions:</p> <ul style="list-style-type: none"> • Model 12F/24F 2U 12 or 24 drive • Model 92F 5U 92 drive <p>2.5-inch flash drives supported:</p> <ul style="list-style-type: none"> • 800 GB, 1.6 TB, 1.92 TB, 3.84 TB, 7.68 TB, 15.36 TB and 30.72 TB <p>2.5-inch disk drives supported:</p> <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 <p>3.5-inch disk drives supported:</p> <ul style="list-style-type: none"> • 4 TB, 6 TB, 8 TB, 10 TB, 12 TB and 14 TB 7.2k nearline SAS disk <hr/> <p>Control enclosure model AF4 supports the following expansions:</p> <ul style="list-style-type: none"> • Model AFF 2U 24 drive • Model A9F 5U 92 drive <p>2.5-inch flash drives supported:</p> <ul style="list-style-type: none"> • 800 GB, 1.6 TB, 1.92 TB, 3.84 TB, 7.68 TB, 15.36 TB and 30.72 TB
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	16/32
Cache per control enclosure/clustered system	64 or up to 576 GB/128 GB or up to 1.15 TB

Advanced features included with each system	<ul style="list-style-type: none"> • Virtualization of internal storage • Data migration • Data Reduction Pools with thin provisioning • UNMAP • Compression and deduplication
Additional available advanced features	<ul style="list-style-type: none"> • Remote mirroring • Easy Tier compression • External virtualization • Encryption • FlashCopy • IBM Spectrum Control • IBM Spectrum Protect Snapshot
Warranty	<p>Hardware:</p> <ul style="list-style-type: none"> • 1-year or 3-year limited warranty depending on MT • Customer-replaceable units • On-site service • Next business day between 9 a.m. and 5 p.m. • Service upgrades available <p>Software:</p> <ul style="list-style-type: none"> • Software maintenance agreement available
Replication services	<ul style="list-style-type: none"> • FlashCopy • IBM Spectrum Protect Snapshot • Metro Mirror (synchronous) and Global Mirror (asynchronous)
Dimensions	<p>Control enclosures</p> <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	<p>Control enclosures:</p> <ul style="list-style-type: none"> • Fully configured (24 drive modules installed): 46.6 kg (102.5 lb)
Supported systems	<p>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</p>
Independent software vendor (ISV) solutions	<p>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</p>



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