

IBM SAN Volume Controller

IBM SAN Volume Controller at a glance

Shared SMP processor configuration per engine	Two Intel Xeon E5-2667v4 3.2GHz 8-core processors
Processor memory per engine	64 to 256 GB (in increments of 64 GB)
Host adapter interfaces per engine	<ul style="list-style-type: none"> • Up to sixteen 16-Gbps Fibre Channel ports (FC or FC-NVMe) • Up to four 10-Gbps optical (SFP+) Ethernet ports for iSCSI/Fibre Channel over Ethernet (FCoE)/replication • Three 10-Gbps copper (RJ45) Ethernet ports for management and/or iSCSI • Up to eight 25-Gbps Ethernet (iSCSI, iWARP, RoCE) ports
Integrated drive support	Up to twenty 12-Gb SAS expansion enclosures; up to 736 drives (flash, SAS and nearline-SAS options) per pair of SVC data engines; up to 2,944 drives per clustered system
Maximum storage capacity	Up to 32 PB usable capacity
Internal drive size	<ul style="list-style-type: none"> • Flash drives: 200 GB, 400 GB, 800 GB, 1.6 TB, 1.92 TB, 3.2 TB, 3.84 TB, 7.68 TB, 15.36 TB • SFF HDD: 300 GB, 600 GB, 900 GB 15K SAS; 900 GB, 1.2 TB, 1.8 TB, 2.4 TB 10K SAS; 2 TB 7.2K nearline-SAS • LFF HDD: 4 TB, 6 TB, 8 TB, 10 TB, 12 TB 7.2K nearline-SAS
RAID levels for internal drives	0, 1, 5, 6 and 10, distributed
Storage and server attachment	Fibre Channel, FC-NVMe, FCoE and iSCSI
Storage system support	More than 440 flash, hybrid and disk storage systems from IBM and other vendors



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