

Product Specification Matrix

Hitachi Vantara VSP One SDS

	VSP One SDS Block HA810 G3 (1U)	VSP One SDS Block HA820 G3 (2U)
Supported Model	Bare Metal Model	Bare Metal Model
Max Pool Capacity (per Cluster)	HPEC(4D+1P)*1: 1.33PiB *1 U.S. patent: US 10,185,624 *2 U.S. patent: US 10,496,479	HPEC(4D+1P)*1: 1.33PiB *1 U.S. patent: US 10,185,624 *2 U.S. patent: US 10,496,479
(per Cluster)	Mirror: 0.83PiB 4D+1P: 1.33PiB 4D+2P: 1.08PiB	Mirror: 2.51PiB 4D+1P: 3.00PiB 4D+2P: 3.00PiB
Max Nodes Supported	32	
Chassis	1U	2U
Host Interface Types	iSCSI, NVMe/TCP	iSCSI, NVMe/TCP
Max Host port count	2ports/Node(10/25/100 GbE)	2ports/Node(10/25/100 GbE)
Processor	Intel® Xeon® Silver 4410Y Processor (12 cores/Socket) Intel® Xeon® Gold 5418Y Processor (24cores/Socket)	Intel® Xeon® Silver 4410Y Processor (12 cores/Socket) Intel® Xeon® Gold 5418Y Processor (24cores/Socket)
Number of Processors	2	2
Memory Capacity	256 GiB	256 GiB
Drives Supported (Boot)	1.92TB x2 SAS SFF SSD with RAID1 or 1.92 TB x2 SATA SFF SSD with RAID1	1.92TB x2 SAS SFF SSD with RAID1 or 1.92 TB x2 SATA SFF SSD with RAID1

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Drives Supported (Storage)	1.6TB SAS SFF SSD Supports 3-8 drives 3.2TB SAS SFF SSD 6.4TB SAS SFF SSD 1.92TB NVMe SFF SSD 3.84TB NVMe SFF SSD 7.68TB NVMe SFF SSD	1.6TB SAS SFF SSD Supports 3-24 drives. 16 drives supported with using 100GbE NW 3.2TB SAS SFF SSD 6.4TB SAS SFF SSD 1.92TB NVMe SFF SSD 3.84TB NVMe SFF SSD 7.68TB NVMe SFF SSD
Power Supply	1800W-2200W	1800W-2200W
Node Dimensions (Height x Width x Depth)	SFF: 8.75 x 44.8 x 72.7 cm / 3.44 x 17.64 x 28.62 in	SFF: 8.75 x 44.8 x 72.7 cm / 3.44 x 17.64 x 28.62 in

Notes: More information on [Hitachi Vantara VSP One SDS](#)



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About Hitachi Vantara

Hitachi Vantara, a Hitachi, Ltd. subsidiary, is the data foundation for innovation. We build resilient data storage and infrastructure the world's innovators rely on.