

Hitachi Ultrastar SN100 2.5" 1.6 TB PCI Express

Brand : Hitachi

Product code: OT00837

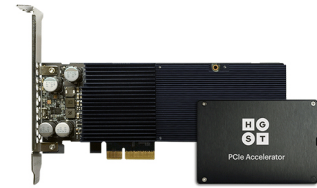
Product name : Ultrastar SN100

Ultrastar SN100 1.6TB, PCIe 3.0 x4, SFF 2.5"

[Hitachi Ultrastar SN100 2.5" 1.6 TB PCI Express:](#)

Gain performance acceleration for today's most demanding cloud, hyperscale and enterprise applications with the Ultrastar® SN100 Series, an NVM Express™ compliant family of PCIe solid-state drives. Delivering memory-class performance with storage-class capacity and persistence, the Ultrastar SN100 Series is offered as a low profile HH-HL extension card as well as a highly serviceable and hot swappable SFF 2.5-inch drive, both with capacities up to 3.2TB. The devices connect using PCIe 3.0 x4 slots and support various operating systems through open-source NVMe drivers. HGST also offers capacity-optimized versions of the Ultrastar SN100 Series, up to 3.82TB, for applications that require additional user capacity.

Hitachi Ultrastar SN100. SSD capacity: 1.6 TB, SSD form factor: 2.5", Read speed: 3000 MB/s, Write speed: 1600 MB/s



Features		Features	
SSD form factor *	2.5"	SSD temperature monitoring	✓
SSD capacity *	1.6 TB	Mean time between failures (MTBF)	2000000 h
Interface *	PCI Express	Power	
Read speed	3000 MB/s	Power consumption (average)	25 W
Write speed	1600 MB/s	Power consumption (idle)	8 W
Random read (4KB)	743000 IOPS	Operational conditions	
Random write (4KB)	140000 IOPS	Operating temperature (T-T)	0 - 70 °C
Random read (8KB)	385000 IOPS	Storage temperature (T-T)	-40 - 70 °C
Random write (8KB)	75000 IOPS	Weight & dimensions	
PCI Express interface data lanes	x4	Width	100.5 mm
RAID support	✓	Depth	15 mm
ECC	✓	Height	69.8 mm
Hot-swap	✓	Weight	174 g
Enhanced Power Loss Data Protection technology	✓	Other features	
		Product colour	Black
		Internal	✓

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