

Western Digital Ultrastar SN150



Artikel
Herstellernummer
EAN
Western Digital

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- High Density – up to 3.2TB in both compact form factors.
- High Performance – up to 310,000 mixed sustained random IOPS.
- High Serviceability – hot swappable SFF drive.
- NVMe Compliant – support for standard NVMe drivers.

The Ultrastar® SN100 Series is an NVM Express™ compliant family of PCIe solid-state drives that delivers unprecedented performance acceleration for today's most demanding cloud, hyperscale and enterprise applications, allowing them to scale to new heights. The HGST architecture has been designed to tightly integrate different kinds of Flash media, hardware and software to deliver memory-class performance with storage-class capacity and persistence. It 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.

Zusammenfassung

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Western Digital Ultrastar SN150, 3.2 TB, 3000 MB/s

Western Digital Ultrastar SN150. SSD capacity: 3.2 TB, Read speed: 3000 MB/s, Write speed: 1600 MB/s

Merkmale

Power

Logistics data

Harmonized System (HS) code	84717070
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Operational conditions

Operating temperature (T-T)	0 - 55 °C
Storage temperature (T-T)	-40 - 70 °C

Other features

Product colour	Black
Internal	Yes

Power consumption (standby)	25 W
Power consumption (idle)	8 W

Weight & dimensions

Width	167.7 mm
Depth	68.9 mm
Height	14.5 mm
Weight	232 g

Features

SSD capacity	3.2 TB
Interface	PCI Express 3.0
Memory type	MLC
Read speed	3000 MB/s
Write speed	1600 MB/s
Random read (4KB)	743000 IOPS
Random write (4KB)	160000 IOPS
Random read (8KB)	385000 IOPS
Random write (8KB)	75000 IOPS
Read latency	20 µs
Write latency	20 µs
PCI Express interface data lanes	x4
ECC	Yes
End-to-End Data Protection	Yes
Enhanced Power Loss Data Protection technology	Yes
SSD temperature monitoring	Yes
Mean time between failures (MTBF)	2000000 h
Windows operating systems supported	Yes
Linux operating systems supported	Yes

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.