

Western Digital WD Red SN700

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Western Digital	



Accelerate Your NAS

Tackle extreme workloads in high-intensity NAS environments with the fast-caching WD Red SN700 NVMe™ SSD. The drive's robust system responsiveness and exceptional I/O performance are perfect for multi-user, multitasking applications, letting you tame your SMB's toughest projects from virtualization to collaborative editing to intensive database storage with efficient caching—all while helping to lower your TCO.

Accelerate Your NAS

The fast-caching power of the WD Red SN700 NVMe™ SSD delivers robust system responsiveness and exceptional I/O performance compared to our SATA SSDs.

Built to Last

Tackle 24/7 NAS workload environments with reliability and endurance of up to 5100 TBW (4TB model), backed by a 5-year limited warranty.

Step Up to NVMe™

Tame your SMB's toughest projects—from virtualization to collaborative editing to intensive database storage with efficient caching—with storage designed to outperform while helping to lower your TCO.

Perfect for SMBs

Even in smaller operations, multiple people working at the same time can tax a NAS device. NVMe caching easily handles random workloads in multi-user, multitasking applications to let small-to-medium businesses do more.

Scale Up to Keep Up

Keep ahead of the data explosion with huge capacities up to 4TB.

Optimize Your Workflow

Purpose-built and tested to be compatible with many of today's most popular NAS systems for maximum flexibility to optimize your workflow.

Zusammenfassung

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Western Digital WD Red SN700, 500 GB, M.2, 3430 MB/s, 8 Gbit/s

Western Digital WD Red SN700. SSD capacity: 500 GB, SSD form factor: M.2, Read speed: 3430 MB/s, Write speed: 2600 MB/s, Data transfer rate: 8 Gbit/s, Component for: NAS

Merkmale

Logistics data

Harmonized System (HS) code	84717070
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Power

Current	2.8 A
Power consumption (sleep)	0.0035 W

Operational conditions

Operating temperature (T-T)	0 - 70 °C
Storage temperature (T-T)	-55 - 85 °C
Maximum operating temperature	70 °C

Weight & dimensions

Width	22 mm
Depth	80 mm
Height	2.38 mm
Weight	7.5 g

Features

SSD form factor	M.2
SSD capacity	500 GB
Interface	PCI Express 3.0
NVMe	Y
Component for	NAS
Hardware encryption	N
Data transfer rate	8 Gbit/s
Read speed	3430 MB/s
Write speed	2600 MB/s
Random read (4KB)	420000 IOPS
Random write (4KB)	380000 IOPS
PCI Express interface data lanes	x4
Mean time between failures (MTBF)	1750000 h
TBW rating	1000

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