Western Digital Red

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Western Digital	

There's a WD Red drive for every compatible NAS system to help fulfill your data storage needs. With drives up to 10TB, WD Red offers a wide array of solutions for customers looking to build a high performing NAS storage solution. Built for single-bay to 8-bay NAS systems, WD Red packs the power to store your precious data in one powerhouse unit. With WD Red, you're ready for what's next.

The drive for NAS
Desktop drives aren't typically tested or designed for the rigors of a NAS system. Do right by your NAS and choose the drive with an array of features to help preserve your data and maintain optimum performance.

Built for NAS Compatibility
WD Red drives with NASware 3.0 technology are purpose-built to balance performance and reliability in NAS and RAID environments.

Keep it Cool
The always-on environment of a NAS or RAID is a hot one. WD Red drives are engineered to run cool and quiet while offering optimum compatibility for demanding 24x7 environments.

WD RED FOR HOME
Stream, backup, organize and effortlessly share your digital content to your TV, PC and more. NASware technology increases your drives' compatibility with your NAS system, for better playback with your devices.

WD RED FOR SMALL BUSINESS
Businesses thrive on productivity and efficiency, two guiding principles built into the design of the WD Red drive. Share and backup files at the speed of your business with a WD Red drive in your NAS.

WD RED FOR BIG BUSINESS
Looking for maximum performance in a heavy use NAS? The WD Red Pro drive is designed to handle an increase in workload and system demand and features a 5-year limited warranty.

DESIGNED FOR NAS
Desktop drives aren't purpose-built for NAS. But WD Red drives with NASware 3.0 are. Our exclusive technology takes the guesswork out of selecting a drive. We can help you find the perfect storage for your NAS system.

Zusammenfassung

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Western Digital Red, 3.5", 2 TB, 5400 RPM

Western Digital Red. HDD size: 3.5", HDD capacity: 2 TB, HDD speed: 5400 RPM

Merkmale

Logistics data

Harmonized System (HS) code	84717050

Packaging data

Quantity	1

Technical details

Sustainability certificates	RoHS

Operational conditions

Operating temperature (T-T)	0 - 65 °C
Storage temperature (T-T)	-40 - 70 °C
Operating shock	30 G
Non-operating shock	250 G

Weight & dimensions

Width	101.6 mm
Height	26.1 mm
Depth	147 mm
Weight	600 g

Power

Power consumption (standby)	0.6 W
Power consumption (read)	4.1 W
Power consumption (write)	4.1 W
Power consumption (idle)	2.3 W
Operating voltage	5 / 12 V

Features

HDD size	3.5"
HDD capacity	2 TB
HDD speed	5400 RPM
Interface	Serial ATA III
Type	HDD
Component for	PC
Hot-swap	No
Storage drive buffer size	256 MB
HDD interface transfer rate	6 Gbit/s

Advanced Format (AF)	Yes
Start/stop cycles	600000
Native Command Queuing (NCQ)	Yes
Workload rate limit	180 TB/year
Mean time between failures (MTBF)	1000000 h