

Western Digital Purple WD23PURZ internal hard drive



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Western Digital	

Uncompromising Storage with a WD Purple Surveillance Hard Drive

WD Purple™ drives are engineered specifically for surveillance to help withstand the elevated heat fluctuations and equipment vibrations within NVR environments. An average desktop drive is built to run for only short intervals, not the harsh 24/7 always-on environment of a high-definition surveillance system. With WD Purple, you get reliable, surveillance-class storage that's tested for compatibility in a wide range of security systems, and some of our latest models (WD22PURZ, WD42PURZ, and WD63PURZ) have improved power efficiency. Exclusive AllFrame™ technology helps reduce frame loss and improve overall video playback.

Industry-Leading Storage. Surveillance You Can Trust.

Western Digital is a worldwide leader in the hard drive industry. With WD Purple™ surveillance storage, you have a drive engineered for high temperature, always-on surveillance systems so you can rely on quality video playback when you need it most. Whether you're protecting loved ones or monitoring your business, WD Purple™ offers performance you can trust.

Western Digital's Exclusive AllFrame™ Technology

All WD Purple™ drives are equipped with AllFrame™ technology, which improves ATA streaming to help reduce frame loss and improve overall video playback, within a multitude of security video solutions.

Enhanced Workload Ratings

WD Purple™ drives feature a workload rating of up to 180TB/year² - up to three times that of desktop drives - to handle the unique demands of mainstream video surveillance DVR and NVR systems.

Multiple Cameras, Multiple Streams

Modern recorders now support multiple video streams per camera. WD Purple™ drives support up to 64 single-stream HD cameras (6TB and above), and can also support many of the latest cameras that transmit multiple streams to enable basic AI functionality. With so many options, you have the flexibility to upgrade or expand your security applications in the future.

Designed for Today's and Tomorrow's Surveillance Solutions

With an MTBF of up to 1 million hours, WD Purple™ drives are engineered for mainstream surveillance DVRs and NVRs that operate 24/7. With tarnish-resistant components³ and support for more than eight bays, WD Purple drives deliver reliable operation even in harsh environments.

Wide Compatibility. Seamless Integration.

WD Purple™ hard drives are built with compatibility in mind, so you can quickly and seamlessly add capacity to your surveillance system. With a wide range of industry-leading enclosures and chipsets supported, you're sure to find the DVR or NVR configuration that's right for you.

Proactive Storage Management with WDDA

Western Digital Device Analytics™ (WDDA) provides a wealth of storage device parametric operational and diagnostic data to the system; algorithms interpret the data and direct the system to alert system administrators of specific recommended actions to address potential issues. WDDA is intended to empower OEMs, system integrators, and IT professionals to better monitor and proactively

manage supported storage devices to maintain optimal operation.

Zusammenfassung

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Western Digital Purple WD23PURZ, 3.5", 2 TB

Western Digital Purple WD23PURZ. HDD size: 3.5", HDD capacity: 2 TB

Merkmale

Logistics data

Harmonized System (HS) code 84717050

Weight & dimensions

Width	101.6 mm
Height	26.1 mm
Depth	147 mm
Weight	450 g

Packaging data

Features

Quantity	1
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Power

Power consumption (read)	3.8 W
Power consumption (write)	3.8 W
Power consumption (idle)	3.2 W

HDD size	3.5"
HDD capacity	2 TB
Interface	Serial ATA
Type	HDD
Component for	Surveillance system
24/7 operation	Y
Maximum number of cameras supported	64
Workload rate limit	180 TB/year
Noise level (idle)	21 dB
Mean time between failures (MTBF)	1000000 h

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