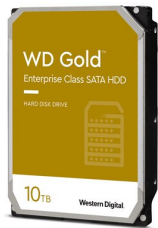


WD Gold WD103KRYZ - hard drive - Enterprise - 10 TB - SATA 6Gb/s(WD103KRYZ)

WD Gold WD103KRYZ - Hard drive - Enterprise - 10 TB - internal - 3.5" - SATA 6Gb/s - 7200 rpm - buffer: 512 MB



The WD Gold 10 TB internal hard drive from Western Digital provides robust storage solutions ideal for enterprise environments. Engineered with a spindle speed of 7200 rpm and an internal data rate of 267 MBps, this hard drive delivers performance for demanding applications. The capacity of 10 TB ensures ample space for data-intensive tasks, while its data transfer rate of up to 600 MBps allows for rapid access and transfer of large files.

This hard drive is built to withstand challenging conditions with a wide operating temperature range, from 5°C to 60°C. It features a durable design reinforced by Rotational Vibration Safeguard (RVS) and HelioSeal technology, which enhances reliability during operation. With a mean time between failures (MTBF) rated at 2,000,000 hours, this drive is committed to providing dependable performance for years to come.

Key Selling Points

- 10 TB capacity for extensive data storage
- 7200 rpm spindle speed for improved performance
- Robust temperature tolerance for diverse environments
- Rotational Vibration Safeguard for enhanced reliability
- 2,000,000 hours MTBF for dependable operation

Product Features

- Reliable performance**
Featuring a mean time between failures (MTBF) of 2,000,000 hours, this drive is designed to provide long-lasting and dependable performance suitable for enterprise applications.
- Excellent data transfer speed**
With a data transfer rate of up to 600 MBps and an internal data rate of 267 MBps, this hard drive supports swift access to large files, enhancing overall productivity.
- Wide temperature range**
This hard drive operates efficiently in extreme conditions, with a minimum operating temperature of 5°C and a maximum of 60°C, making it suitable for various environments.
- Enhanced durability**
Incorporating Rotational Vibration Safeguard (RVS) and HelioSeal technology, this hard drive minimizes vibrations and improves durability, ensuring data integrity during operations.
- Energy-efficient design**
With a power consumption of 8.3 watts in active mode and 9.2 watts in idle mode, this drive is designed to be energy-efficient, contributing to lower operating costs.

Main Specifications

Product Description	WD Gold WD103KRYZ - hard drive - Enterprise - 10 TB - SATA 6Gb/s
Type	Hard drive - internal
Capacity	10 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Data Transfer Rate	600 MBps
Buffer Size	512 MB
Spindle Speed	7200 rpm
Drive Class	Enterprise
Features	Advanced format 512e, HelioSeal, Rotational Vibration Safeguard (RVS), Conventional magnetic recording (CMR)
Dimensions (WxDxH)	101.6 mm x 147 mm x 26.1 mm

Weight	750 g
Manufacturer Warranty	5-year warranty

Extended Specification

General

Device Type	Hard drive - internal
Capacity	10 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Buffer Size	512 MB
Features	Advanced format 512e, HelioSeal, Rotational Vibration Safeguard (RVS), Conventional magnetic recording (CMR)
Width	101.6 mm
Depth	147 mm
Height	26.1 mm
Weight	750 g

Manufacturer Warranty

Service & Support	Limited warranty - 5 years
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Miscellaneous

Compliant Standards	RoHS 2011/65/EU, RoHS 2015/863/EU, BSMI, ICES-003, NMB-003, FCC, KC, Maghreb, RCM, UKCA, VCCI, CB Scheme, TUV, UL
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Power

Power Consumption	9.2 Watt (active) 8.3 Watt (idle)
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Environmental Parameters

Min Operating Temperature	5 °C
Max Operating Temperature	60 °C
Min Storage Temperature	-40 °C
Max Storage Temperature	70 °C
Shock Tolerance (operating)	70 g @ 2 ms half-sine wave
Shock Tolerance (non-operating)	250 g @ 2 ms half-sine wave
Sound Emission	34 dBA

Performance

Drive Class	Enterprise
Drive Transfer Rate	600 MBps (external)
Internal Data Rate	267 MBps
Spindle Speed	7200 rpm

Reliability

MTBF	2,000,000 hours
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Software & System Requirements

OS Required	Linux, Microsoft Windows Server, Microsoft Windows
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Expansion & Connectivity

Interfaces	1 x SATA 6 Gb/s
Compatible Bay	3.5"

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet