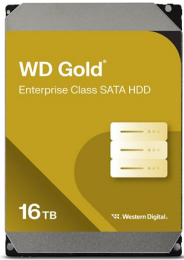


WD Gold WD161KRYZ - hard drive - 16 TB - SATA 6Gb/s(WD161KRYZ)

WD Gold WD161KRYZ - Hard drive - 16 TB - internal - 3.5" - SATA 6Gb/s - 7200 rpm - buffer: 512 MB



The WD Gold is a highly reliable solution for demanding storage environments. Specifically designed for use in enterprise-class storage systems and data centers, the WD Gold Enterprise Class SATA HDD delivers the world-class performance you expect from Western Digital hard drives.

Key Selling Points

- Specifically designed for use in enterprise-class storage systems and datacenters
- Vibration protection technology
- Take on tough workloads; up to 10 times the typical desktop rating
- Enhanced reliability you can trust

Product Features

- Proven reliability**
Enhanced reliability with up to 2.5M hours MTBF.
- High workload**
Take on workloads at up to 10 times the typical desktop rating.
- Vibration protection**
Vibration protection technology gives you peace of mind.

Main Specifications

Product Description	WD Gold WD161KRYZ - hard drive - 16 TB - SATA 6Gb/s
Type	Hard drive - internal
Capacity	16 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Data Transfer Rate	600 MBps
Buffer Size	512 MB
Spindle Speed	7200 rpm
Features	Vibration dampening, HelioSeal, 24x7 continuous operation, advanced format 512e, Energy-Assisted Magnetic Recording (EAMR), Triple State Actuator (TSA)
Dimensions (WxDxH)	101.6 mm x 147 mm x 26.1 mm
Weight	690 g
Localisation	Worldwide
Manufacturer Warranty	5-year warranty

Extended Specification

General

Device Type	Hard drive - internal
Capacity	16 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Buffer Size	512 MB
Features	Vibration dampening, HelioSeal, 24x7 continuous operation, advanced format 512e, Energy-Assisted Magnetic Recording (EAMR), Triple State Actuator (TSA)
Width	101.6 mm
Depth	147 mm
Height	26.1 mm
Weight	690 g

Manufacturer Warranty

Service & Support	Limited warranty - 5 years
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Miscellaneous

Compliant Standards	RoHS 2011/65/EU
Localisation	Worldwide

Power

Power Consumption	6.5 Watt (active) 5.6 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)	50 g @ 2 ms half-sine wave
Shock Tolerance (non-operating)	250 g @ 2 ms half-sine wave

Performance

Drive Transfer Rate	600 MBps (external)
Internal Data Rate	262 MBps
Spindle Speed	7200 rpm

Reliability

MTBF	2,500,000 hours
24x7 Operation	Yes
Non-Recoverable Errors	1 per 10^15
Load / Unload Cycles	600,000

Dimensions & Weight (Shipping)

Shipping Width	12.7 cm
Shipping Depth	6.35 cm
Shipping Height	19.05 cm
Shipping Weight	830 g

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