

WD Gold WD6004FRYZ - hard drive - Enterprise - 6 TB - SATA 6Gb/s(WD6004FRYZ)

WD Gold WD6004FRYZ - Hard drive - Enterprise - 6 TB - internal - 3.5" - SATA 6Gb/s - 7200 rpm - buffer: 256 MB



The WD Gold model WD6004FRYZ hard drive from Western Digital redefines enterprise storage with its reliability and performance. Designed for demanding data environments, it features a substantial 6 TB capacity and a robust 7200 rpm spindle speed, ensuring quick and reliable access to large data volumes. This hard drive incorporates technologies such as ArmorCache and HelioSeal, which not only improve data integrity but also enhance the drive's durability, making it an ideal solution for critical data storage needs. With a 256 MB buffer size and a fast data transfer rate of 600 MBps, it delivers efficient performance for heavy-duty applications. Additionally, its reliability is underscored by an impressive MTBF of 2,000,000 hours, offering peace of mind for long-term operation. Whether for data centers or intensive business applications, the WD Gold hard drive is engineered to meet high standards of storage reliability and performance.

Key Selling Points

- 6 TB capacity meets extensive storage requirements
- Reliability with a 2,000,000 hours MTBF
- ArmorCache Technology for improved data integrity
- HelioSeal technology enhances drive durability
- Efficient 600 MBps data transfer rate

Product Features

- Enhanced durability**
With an MTBF of 2,000,000 hours and equipped with ArmorCache Technology, the WD Gold hard drive ensures reliable performance in demanding enterprise environments. Its HelioSeal technology further enhances its durability, making it a robust choice for critical data storage.
- Optimized performance**
Featuring a 256 MB buffer size and a data transfer rate of 600 MBps, this hard drive delivers efficient and fast performance for heavy-duty applications. The inclusion of a vibration sensor and advanced format 512e technology optimizes the drive for better accuracy and speed.
- High capacity storage**
With a 6 TB capacity, this internal hard drive offers ample space for large-scale data storage needs. Its 7200 rpm spindle speed and Serial ATA-600 interface provide quick access to stored information, making it ideal for data-intensive tasks.

Main Specifications

Product Description	WD Gold WD6004FRYZ - hard drive - Enterprise - 6 TB - SATA 6Gb/s
Type	Hard drive - internal
Capacity	6 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Data Transfer Rate	600 MBps
Buffer Size	256 MB
Spindle Speed	7200 rpm
Drive Class	Enterprise
Features	Enterprise Class Reliability, HelioSeal, advanced format 512e, vibration sensor, ArmorCache Technology
Dimensions (WxDxH)	101.6 mm x 147 mm x 26.1 mm
Weight	715 g
Manufacturer Warranty	5-year warranty

Extended Specification

General

Device Type	Hard drive - internal
Capacity	6 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Buffer Size	256 MB
Bytes per Sector	512
Features	Enterprise Class Reliability, HelioSeal, advanced format 512e, vibration sensor, ArmorCache Technology
Width	101.6 mm
Depth	147 mm
Height	26.1 mm
Weight	715 g

Manufacturer Warranty

Service & Support	Limited warranty - 5 years
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Miscellaneous

Compliant Standards	ROHS Directive 2015/863/EU, ROHS Directive 2011/65/EU
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Power

Power Consumption	6.8 Watt (active) 5.5 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)	300 g @ 2 ms half-sine wave
Sound Emission	29 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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Expansion & Connectivity

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