Item no.: 326231

WD2003FZEX - WD Black 2 TB internal Memory, 3.5 Zoll, SATA 3 Gbps

132,46 EUR

Item no.: 326231
shipping weight: 0.10 kg
Manufacturer: Western Digital

Product Description

WD2003FZEX 2TB SATAIII/600 64MB cache CAVIAR BLACK

Whether you are a digital graphic artist, video editor, photographer or gamer: With WD Black's high-performance memory, you'll enjoy a better PC experience for compute-intensive tasks. With up to 128MB DRAM cache on higher capacity models, the WD Black drive is optimized for high performance so you can focus on the things you love most.

for creative professionals

When it comes to storing your creativity and your entire digital portfolio, you can rely on WD Black high-performance storage as the ideal solution. Use the WD Black drive to store large multimedia files such as photos, videos, games and applications or programs. Because with a WD black drive, you get the best combination of speed, capacity, and larger cache.

for gamers

The WD Black drive is the ideal storage solution for your gaming system: it offers high capacity for storing the downloadable content (DLC) of your games, larger cache, and maximum system performance when combined with an SSD. The WD black drive also features StableTrac(TM) technology (on models of 2TB and larger) for more accurate data access in the event of vibrations caused by additional gaming hardware.

Increased reliability

The WD Black drive features StableTrac technology (on models of 2TB and larger), which internally supports the motor shaft to increase reliability and reduce the effects of vibration caused by other components. By stabilizing the disks inside, the WD Black drive can provide more precise drive control during read and write operations in a given sector, optimizing performance and reliability.

Increased DRAM cache

The WD Black drive delivers extremely fast transfer speeds and read rates thanks to impressive cache sizes of up to 128MB DRAM in our high-capacity models. WD's Dynamic Cache technology enhances real-time caching algorithms to allocate and optimize cache between reads and writes. These read cache movements reduce bottlenecks and improve overall performance.

- Model number: WD2003FZEX
- Interface: SATA 6 Gb/s
- Formatted capacity: 2 TB
- Form factor: 3.5 inch
- Advanced Format (AF): Yes
- RoHS compliant: Yes

Performance

- Interface transfer rate (max.): Host-side hard disk cache 6 Gbit/s / host to/from drive (continuous) 164 MB/s
- Cache (MB): 64
- Speed: 7200 rpm

Reliability/Data Integrity

- charge/discharge cycles: 300,000
- Non-recoverable read errors per read bits:

Power Management

- Average power consumption (W): read/write 9,5 / idle 8,1 / standby and sleep 1,3

Environmental conditions

- Temperature (°C, at casting frame): Operation / Non-operation 5 to 55 -40 to 70
- Vibration resistance (G): In operation (2 ms, read/write) 30 / In operation (2 ms, read) 65 / Idle (2 ms) 300
- Noise level (dBA): Idle 29 / Search (average) 34

Dimensions

- Height (inch/mm, max.): 1.028/26.1
- Length (inch/mm, max.): 5.787/147
- Width (inch/mm, +/- 0.01 inch): 4/101.6
- Weight (lb/kg, +/- 10 %): 1,32/0,60

Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability