



WD Caviar[®] Black[™] SATA Hard Drives

**Because you can
never have too
much performance**

Maximum performance

Ultra-cool and quiet

Massive 2 TB capacity

Combines a high performance electronic and mechanical architecture with up to 2 TB of storage to deliver a perfect solution for the fully-loaded PC with an ultra-fast processor.



PUT YOUR LIFE ON IT[®]



WD Caviar Black

SATA Hard Drives



Product Features

Massive capacity

WD Caviar Black SATA drives are available in capacities up to 2 TB.

Dual processor

Twice the processing power to maximize performance.

Dual actuator technology

A head positioning system with two actuators that improves positional accuracy over the data track(s). The primary actuator provides coarse displacement using conventional electromagnetic actuator principles. The secondary actuator uses piezoelectric motion to fine tune the head positioning to a higher degree of accuracy. (2 TB only)

Colossal cache

Bigger, faster cache of up to 64 MB means faster performance.

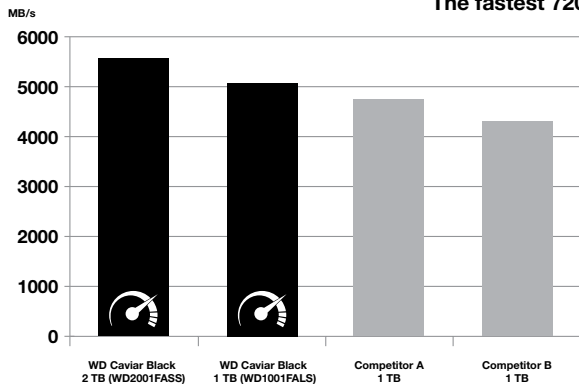
StableTrac™

The motor shaft is secured at both ends to reduce system-induced vibration and stabilize platters for accurate tracking, during read and write operations.

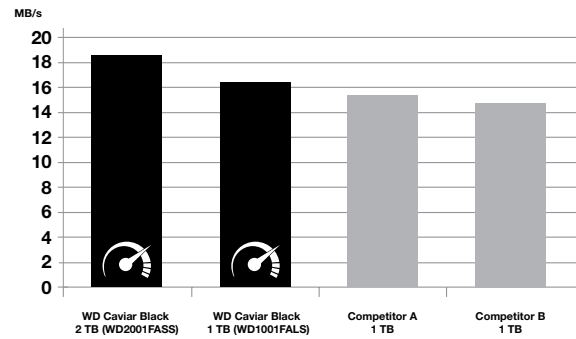
NoTouch™ ramp load technology

The recording head never touches the disk media ensuring significantly less wear to the recording head and media as well as better drive protection in transit.

The fastest 7200 RPM hard drive on the planet!



PC Mark Vantage HDD



PC Mark Vantage Gaming (MB/s)

Product Specifications

INTERFACE

SATA 6 Gb/s (EX models)
SATA 3 Gb/s (LS models)

FORM FACTOR

3.5-inch

SPIN SPEED

7200 RPM

CACHE

32 MB (AALS, FALS models)
64 MB (FAEX, FASS models)

MODELS

WD5001AALS
WD6401AALS
WD7501AALS
WD1001FALS
WD1002FAEX
WD2001FASS

CAPACITIES

500 GB
640 GB
750 GB
1 TB
2 TB

LIMITED WARRANTY

5 years

WD Caviar Black is part of WD's complete lineup of desktop hard drives.



WD Caviar Blue™
Performance and reliability for everyday computing.



WD Caviar Green™
Cool, quiet, eco-friendly.



WD Caviar Black™
Maximum performance for power computing.

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As used for storage capacity, one megabyte (MB) = one million bytes, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, and gigabit per second (Gb/s) = one billion bits per second.