

WD Caviar® Black™

SATA Hard Drives

Maximum Performance
Ultra-cool and Quiet
Massive 1 TB Capacity



Ideal for anyone who wants high performance, high capacity storage with all the latest features.



Maximum Performance for Power Computing.

WD Caviar Black drives combine a high performance electronics architecture with a rock solid mechanical architecture to deliver the perfect storage solution for your fully-loaded PC or maxed out gaming machine. Cool drive operation, no-touch head technology, and leading-edge vibration protection ensure enhanced reliability. And we back it all up with a 5-year limited warranty.

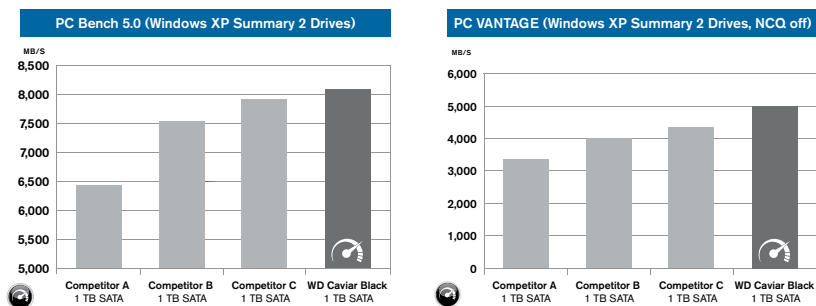
- **Maximum performance** – With 7200 RPM spin speed, 32 MB cache, SATA 3 Gb/s interface, and an integrated dual processor these drives deliver lightning-fast performance.
- **Ultra cool and quiet** – Technologically advanced acoustics minimize noise and cool drive operation and enhanced reliability features help protect the drive and the data stored on it.
- **Massive capacity** – Available with up to 1 TB of storage, these drives are ideal for power computing applications such as multimedia, video and photo editing, and maxed out gaming computers.

“...the fastest 7,200 RPM drive on the market...”
– The Tech Report (August 2008)

“Want excellent performance and a terabyte of capacity? Then get a Caviar Black.”
– Extremetech.com (August 2008)

WD Caviar Black SATA Hard Drives

The fastest 7200 RPM hard drives on the planet!



Key Specifications

Interface: SATA 3 Gb/s
 Form Factor: 3.5-inch
 Spin Speed: 7200 RPM
 Cache: 32 MB
 Limited Warranty: 5-year

Capacities

500 GB, 640 GB, 750 GB, 1 TB

Models

WD5001AALS, WD6401AALS,
 WD7501AALS, WD1001FALS

Featuring WD's Exclusive Intelligent Drive Technology

High Performance Electronics Architecture

- **Dual processor** – Twice the processing power to maximize performance.
- **32 MB cache** – Bigger, faster cache means faster performance.


Rock Solid Mechanical Architecture

- **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 better drive protection in transit as well as significantly less wear to the recording head and media.

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.

Western Digital, WD, the WD logo, Put Your Life On It and WD Caviar are registered trademarks in the U.S. and other countries; Black, Blue, Green, the FIT Lab logo, IntelliSeek, NoTouch, and StableTrac are trademarks of Western Digital Technologies, Inc. Other marks may be mentioned herein that belong to other companies. Pictures shown may vary from actual product. Not all products may be available in all regions of the world. All product and packaging specifications subject to change without notice.

© 2008 Western Digital Technologies, Inc. All rights reserved.

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.

