

WD Caviar® Green™

Power-saving Hard Drives

Reduced Power Consumption
Environmentally Responsible
Cool and Quiet



Ideal for PCs, external storage, and other devices requiring lower power consumption and cool, quiet operation.



Cooler. Quieter. Eco-friendlier.

WD Caviar Green SATA hard drives reduce power consumption by up to 40% compared to standard desktop drives and offer best-in-class acoustics and operating temperature. Based on WD's exclusive GreenPower™ technology, these drives are designed to deliver power savings as the primary attribute. By using environmentally-conscious PCs with our WD Caviar Green drives on board, large organizations with many desktop computers can minimize their carbon footprint and save real money on electricity costs.

- **Reduced power consumption** – WD has reduced power consumption by up to 40% compared to standard desktop drives with the combination of WD's IntelliSeek™, NoTouch™, and IntelliPower™ technologies.
- **Environmentally responsible** – WD Caviar Green drives yield an average drive power savings of 4-5 watts over standard desktop drives making it possible for our energy-conscious customers to build systems with higher capacities and the right balance of system performance, ensured reliability, and energy conservation.
- **Cool and quiet** – GreenPower technology yields lower operating temperatures for increased reliability and low acoustics for ultra-quiet PCs and external drives.

WD Caviar Green Power-saving Hard Drives

Featuring WD's Exclusive Intelligent Drive Technology

- **IntelliPower** – A fine-tuned balance of spin speed, transfer rate, and caching algorithms designed to deliver both significant power savings and solid performance.
- **IntelliSeek** – Calculates optimum seek speeds to lower power consumption, noise, and vibration.
- **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.
- **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. (2 TB models only)
- **Perpendicular Magnetic Recording (PMR)** – Employs PMR technology to achieve even greater areal density.
- **Low power spin-up** – WD Caviar Green drives consume less current during startup allowing lower peak loads.
- **Advanced power technology** – Electronic components deliver best-in-class low power consumption for reduced power requirements and increased reliability.

Key Specifications

Interface: SATA 3 Gb/s
Form Factor: 3.5-inch
Limited Warranty: 3-year

Capacities

500 GB, 640 GB, 750 GB,
1 TB, 1.5 TB, 2 TB

Models

16 MB cache	WD5000AACS WD6400AACS WD7500AACS WD10EACS
32 MB cache	WD10EADS WD15EADS WD20EADS



WD Caviar Green 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.

