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WD Green 500GB SATA II 64MB 3.5 inch 6Gbps Hard Drive



As hard drive capacities increase, the power required to run those drives increases as well. WD Caviar Green drives make it possible for energy-conscious customers to build systems with higher capacities and the right balance of system performance, ensured reliability, and energy conservation.

Warranty	3 Year Warranty
Drive Interface	SATA
Disk Size	3.5 Inches
Disk Capacity	500GB
Dimensions	10.16cm (W) x 14.7cm (D) x 2.54cm (H) - Weight 0.63kg

Features

- * **Reduced power consumption** WD has reduced power consumption by up to 40 percent compared to standard desktop drives with the combination of WD's IntelliSeek, NoTouch, and IntelliPower technologies
- * **Helps enable eco-friendly PCs** 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
- * **Cool and quiet** WD GreenPower Technology yields lower operating temperatures for increased reliability and low acoustics for ultra-quiet PCs and external drives
- * **Perfect for external drives** External drive manufacturers can eliminate the need for a fan in a high-capacity product with a WD Caviar Green drive, the coolest and quietest in its class
- * **IntelliPower** A fine-tuned balance of spin speed, transfer rate, and caching algorithms designed to deliver both significant power savings and solid performance. Additionally,
- * **WD Caviar Green drives** consume less current during startup allowing lower peak loads on systems as they are booted
- * **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 significantly less wear to the recording head and media as well as better drive protection in transit



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- * **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 model only)
- * **Native Command Queuing (NCQ)** Server feature for performance in random I/O transaction environments. It aggregates many small random data transfers and allows the disk to reorder the commands in a sequential order for faster access
- * **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

Specification

General

As hard drive capacities increase, the power required to run those drives increases as well. WD Caviar Green drives make it possible for energy-conscious customers to build systems with higher capacities and the right balance of system performance, ensured reliability, and energy conservation.

Information

We have very limited data about this product. Please contact us from more information.

General

Warranty 3 Year Warranty

Hard Disk

Drive Interface	SATA
Disk Size	3.5 Inches
Disk Capacity	500GB
Data Buffer/RAM	64MB



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Performance

Average Seek Time 8.9ms

Compliance

Certifications RoHS compliant

Electrical

Power Requirement Idle (Ready) 2.8Watts

Environmental

Acoustics (Seek Mode) 29dB

Acoustics (Idle Mode) 24dB

Operating Temperature 5 to 55C

Non Operating Temperature -40 to 70C

Shock (Operating) 65G for 2ms

Shock (Non Operating) 250G for 1ms

Physical

Dimensions 10.16cm (W) x 14.7cm (D) x 2.54cm (H) - Weight 0.63kg



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About Memory Express

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?