HDWD5000AZRX

Western Digital 500GB Caviar Green Internal Hard Drive

Product Overview

Western Digital 500GB Caviar Green IntelliPower 64MB Cache SATA 6 3.5" Internal Hard Drive.



Specifications

Overview:

If you spend a lot of time surfing the Internet, you need protection against online threats. Thanks to Norton AntiVirus 2012, Symantec's most popular security product, you are protected against a wide array of malicious software. Whether you are banking online, emailing friends or chatting via Instant Messaging, your protection is always on and up-to-date.

Features:

Reduced power consumption.
Reduced power consumption makes it possible to build systems with higher capacities and the right balance of system performance, ensured reliability, and energy conservation.

Cool and quiet.
WD GreenPower Technology yields lower operating temperatures for increased reliability and low acoustics perfect for ultra-quiet PCs and external drives.

WD meets the technological challenges of implementing 3 TB SATA hard drives.
SATA hard drives are now capable of storing up to 3 TB of data on a single hard drive. WD is leading the way in the industry, providing you with solutions for implementing 2.19 TB and larger drives.

Perfect for external drives.
External drive manufacturers can eliminate the need for a fan in a high-capacity product by utilizing the cool and quiet operation of WD Caviar Green hard drives.

IntelliSeek.
Calculates optimum seek speeds to lower power consumption, noise and vibration.

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.

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.

Advanced Format (AF) .
Technology being adopted by WD and other drive manufacturers as one of multiple ways to continue growing hard drive capacities. AF is a more efficient media format that enables increased areal densities. (RX, RS and RSDTL models only)

Ideal for
PCs, external storage and other devices that require lower power consumption and cool, quiet operation. Desktop / Consumer RAID Environments - WD Caviar Green Hard Drives are tested and recommended for use in consumer-type RAID applications. (RAID-0 / RAID-1)*

Specifications:

Product Specifications	
Interface	SATA 6 Gb/s
Performance Specifications	
Rotational Speed	IntelliPower *
Buffer Size	64 MB
Transfer Rates	
Buffer To Host (Serial ATA)	6 Gb/s (Max)
Physical Specifications	
Formatted Capacity	500, 107 MB
Capacity	500 GB
User Sectors Per Drive	976, 773, 168
Physical Dimensions	
Height	26.1 mm
Depth	147 mm
Width	101.6 mm
Weight	0.45 kg
Shock	
Operating Shock (Read)	30G, 2 ms
Non-operating Shock	350G, 1 ms
Acoustics	
Idle Mode	21 dBA (average)
Seek Mode 0	22 dBA (average)
Seek Mode 3	22 dBA (average)
Temperature (Metric)	
Operating	-0 degrees C to 60 degrees C

Non-operating	-40 degrees C to 70 degrees C
Current Requirements 12 VDC	
Read/Write	1.10 A
Power Dissipation	
Read/Write	3.60 Watts
Idle	2.10 Watts
Standby	0.40 Watts
Sleep	0.40 Watts

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/HDWD5000AZRX-Western-Digital-500GB-Caviar-Green-Internal-Hard-Drive-p-60726.php

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