WD Caviar® Green™ SATA Hard Drives

Headline Positioning

Cool, quiet, eco-friendly

Ad Copy

39 Character DMR copy (3 TB) – 3 TB WD Caviar Green Power-Saving Drive
39 Character DMR copy (2 TB) – 2 TB WD Caviar Green Power-Saving Drive
39 Character DMR copy (1.5 TB) – 1.5 TB WD Caviar Green Power-Saving Drive
39 Character DMR copy (1 TB) – 1 TB WD Caviar Green Power-Saving Drive
39 Character DMR copy (500 GB) – 500 GB WD Caviar Green Power-Saving Drive

Highlights

- Reduced power consumption
- Environmentally responsible
- Cool and quiet

Keywords

IntelliPower, IntelliSeek, 3 TB, WD10000CS, WD Caviar, Green, WD Caviar Green, Desktop, Internal Hard Drive, Hard Drive, high capacity, StableTrac, NoTouch, SATA, 32 MB cache, 64 MB cache, 3.5", 3.5 inch, GreenPower

Copy

Short
WD Caviar® Green™ 3 TB SATA hard drives reduce power consumption by up to 40% and offer best-in-class acoustics and operating temperature.

Medium
Available in capacities up to 3 TB, WD Caviar® Green™ SATA hard drives reduce power consumption by up to 40% and offer best-in-class acoustics and operating temperature. Based on exclusive WD Green Power Technology™ they are ideal for PCs, external storage, and other devices that require lower power consumption and cool, quiet operation.

Long
Available in capacities up to 3 TB, WD Caviar® Green™ SATA hard drives reduce power consumption by up to 40% and offer best-in-class acoustics and operating temperature. Based on exclusive WD Green Power Technology™, these drives are designed to deliver power savings as the primary attribute. 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. They are ideal for PCs, external storage and other devices that require lower power consumption and cool, quiet operation.

Ideal for

Environmentally friendly PCs and external storage requiring lower power consumption and cool, quiet operation.

Kit Contents

- SATA hard drive with IntelliPower™*
- Mounting screws and a jumper shunt
- Quick Install Guide

Compatibility

- Windows XP/Vista/7
- Windows XP does not support drives with capacities greater than 2 TB.
- Mac® OS

Note: Compatibility may vary depending on user's hardware configuration and operating system.

* A fine-tuned balance of spin speed, transfer rate, and cache size designed to deliver both significant power savings and solid performance.

Drive Specifications[1]

	500 GB	1 TB	1.5 TB	2 TB	3TB
Model number	WDBAAY5000ENC-xRSN	WDBAAY10000HNC-xRSN	WDBAAY15000HNC-xRSN	WDBAAY20000HNC-xRSN	WDBAAY0030HNC-xRSN
Formatted capacity	500,107 MB	1,000,204 MB	1,500,301 MB	2,000,398 MB	3,000,592 MB
User sectors per drive	976,773,168	1,953,525,168	2,930,277,168	3,907,029,168	5,860,533,168
Interface	SATA 3 Gb/s	SATA 3 Gb/s	SATA 3 Gb/s	SATA 3 Gb/s	SATA 3 Gb/s
Form factor	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch
Bytes per sector (STD)	512	512	512	512	512
Dedicated landing zone	Yes	Yes	Yes	Yes	Yes
Actuator latch/auto park	Yes	Yes	Yes	Yes	Yes
SATA latching connector	Yes	Yes	Yes	Yes	Yes
RoHS compliant[2]	Yes	Yes	Yes	Yes	Yes

Performance Specifications

Data Transfer Rate:	3 Gb/s (buffer to host)
Drive ready time	14.3 sec (average)
Rotational speed	IntelliPower
Limited warranty[3]	3-year

Drive Dimensions

Height	1.028 in (25.4 mm) maximum
Length	5.787 in (147.0 mm) maximum
Width	4.0 in (101.6 mm) ± 0.01 in
Weight (max)	1.39 lb (0.63 kg)

Packaging Specifications

	English	Metric
Face Width	5.0 in	127 mm
Shelf Depth	2.63 in	67 mm
Face Height	7.63 in	194 mm
Retail box weight (max)	1.84 lb	0.83 kg
Master carton size	7.9 in x 5.5 in x 10.5 in	200 mm x 140 mm x 267 mm
Master carton weight	5.96 lb	2.70 kg
Boxes per master carton	4	4
Master cartons per pallet	172	172
Pallet load weight	1374.1 lb	623.27 kg
Pallet load size	48 in x 40 in x 47 in	1219 mm x 1016 mm x 1194 mm

Retail UPC

PAN AMERICA

Capacity	Order Number	UPC
500 GB	WDBAAY5000ENC-NRSN	7 18037 75289 1
1 TB	WDBAAY0010HNC-NRSN	7 18037 75283 9
1.5 TB	WDBAAY0015HNC-NRSN	7 18037 77327 8
2 TB	WDBAAY0020HNC-NRSN	7 18037 75286 0
3 TB	WDBAAY0030HNC-NRSN	7 18037 78003 0

AUS/NZ

Capacity	Order Number	UPC
2 TB	WDBAAY0020HNC-ARSN	7 18037 77328 5
3 TB	WDBAAY0030HNC-ARSN	7 18037 78001 6

EUROPE/MIDDLE EAST/AFRICA

Order Number	UPC
WDBAAY5000ENC-ERSN	7 18037 75290 7
WDBAAY0010HNC-ERSN	7 18037 75284 6
WDBAAY0015HNC-ERSN	7 18037 77326 1
WDBAAY0020HNC-ERSN	7 18037 75287 7
WDBAAY0030HNC-ERSN	7 18037 78002 3

Note: Not all products may be available in all regions of the world.

Limited Warranty[3]

Worldwide	3 years

For service and literature:

support.wdc.com
www.westerndigital.com

800.ASK.4WDC	North America
800.832.4778	Latin America (Spanish)
+800.6008.6008	Asia Pacific
+800.ASK.4WDEU	Europe (toll free where available)
+31.88.0062100	Europe, Middle East, Africa

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[1] 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 buffer or cache, one megabyte (MB) = 1,048,576 bytes. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, megabit per second (Mb/s) = one million bits per second, and gigabit per second (Gb/s) = one billion bits per second. Effective maximum SATA 3 Gb/s or 1.5 Gb/s transfer rate calculated according to the Serial ATA specification published by the SATA-IO organization as of the date of this specification sheet. Visit www.sata-io.org for details.

[2] WD complies with the Restriction of Hazardous Substances (RoHS) Directive 2002/95/EC of the European Parliament, which is effective in the EU beginning July 1, 2006. RoHS aims to protect human health and the environment by restricting the use of certain hazardous substances in new equipment, and consists of restrictions on lead, mercury, cadmium, and other substances.

[3] The term of the limited warranty depends on the country in which the Product was purchased. Visit our website at support.wdc.com/warranty/policy.asp for the detailed terms and conditions of our limited warranty and for a list of the specific countries in these regions.

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