



# Model Numbers - WD Internal Drives

## Model Number Format for OEM and Distribution Channels

WD's model number format simplifies inventory management for distributors and system manufacturers. Capacity points are key to this format.

### Base Model Number

The base model number is composed of six codes:

1. Company initials (WD)
2. Capacity (GB/TB)
3. Capacity unit/form factor
4. Business unit/brand
5. RPM/buffer size or attribute
6. Interface/connector

<b>WD 0000 ABCD</b>					
↑	↑	↑	↑	↑	↑
1	2	3	4	5	6

### Model Number Codes

#### 1 Company Initials

WD

#### 2 Capacity

Two, three, or four digits, supports up to 999.9.

In the new format designation beginning September 2007 for 1 TB and larger Enterprise drives (see model number code 3), the decimal follows the first digit (e.g., WD1000FYPS is a 1 TB capacity drive). Enterprise also uses the last digit of the capacity number as a product code (e.g., WD5001ABYS). This digit does *not* translate to additional capacity/LBAs.

#### 3 Capacity Unit/Form Factor

- A GB/3.5-inch
- B GB/2.5-inch
- C GB/1.0-inch
- E TB/3.5-inch
- F TB/3.5-inch (new format)
- G GB/2.5- to 3.5-inch adapter
- H GB/2.5- to 3.5-inch backplane adapter
- J TB/2.5-inch

#### 4 Business Unit/Brand

- A Desktop/WD Caviar®
- B Enterprise/WD RE4; WD RE3; WD RE2 (3-platter)
- C Desktop/WD Protege®
- D Enterprise/WD Raptor®
- E Mobile/WD Scorpio®
- H Enthusiast/WD Raptor X
- J Mobile/WD Scorpio Free Fall Sensor (FFS)
- K Enterprise/WD S25
- L Enterprise/WD VelociRaptor™
- M Branded/WD Branded
- V Audio/Video - WD AV
- Y Enterprise/WD RE4; WD RE3; WD RE2 (4-platter)

#### 5 RPM/Buffer Size or Attribute

- A 5400 RPM with 2 MB cache
- B 7200 RPM with 2 MB cache
- C 5400 RPM with 16 MB cache
- D 5400 RPM with 32 MB cache
- E 7200 RPM with 64 MB cache (<2 TB)
- F 10,000 RPM with 16 MB cache
- G 10,000 RPM with 8 MB cache
- H 10,000 RPM with 32 MB cache
- J 7200 RPM with 8 MB cache
- K 7200 RPM with 16 MB cache
- L 7200 RPM with 32 MB cache
- P IntelliPower/EM (maximum buffer size offered by product)
- R 5400 RPM with 64 MB cache
- S 7200 RPM with 64 MB cache (2 TB)
- V 5400 RPM with 8 MB cache (Mobile)
- Y 7200 RPM/EM (maximum buffer size offered by product)

#### 6 Interface/Connector

- A ATA/66 with 40-pin IDE connector
- B ATA/100 with 40-pin IDE connector
- C ATA with 33-pin connector (zero insertion force—ZIF)
- D SATA 1.5 Gb/s with 22-pin SATA connector
- E ATA/133 with 40-pin IDE connector
- F SAS-3 with 29-pin connector
- G SAS-6 with 29-pin connector
- S SATA 3 Gb/s with 22-pin SATA connector
- T SATA 1.5 Gb/s with 22-pin SATA connector (Mobile)
- U SATA 3 Gb/s with 22-pin SATA connector (Mobile)
- X SATA 6 Gb/s with 22-pin SATA connector

Subsequent updates to these definitions will be available in Change Admin's Model Spec document (document number 2096-000101). WD intranet access is required to view or download the document. To access the document, go to: <http://dna.wdc.com/dna/dnaspecs/ui/specECO/latestspec.aspx?specId=0>.

### Model Number Suffix

The model number suffix (characters to the right of the dash following the model number) is only for in-house use. Refer to document number 2096-000101.

### Legacy Model Numbers

For instructions on how to decipher WD internal drive model numbers issued prior to December 2005, refer to the *Legacy Model and Order Numbers* information sheet (2579-701261). WD intranet access is required. Go to <http://marketing.intranet.wdc.com/TechPubs> and click Information Sheets to access this document.

Western Digital, WD, the WD logo, WD Caviar, WD Protégé, WD Scorpio, and WD Raptor are registered trademarks in the U.S. and other countries; and WD VelociRaptor and IntelliPower are trademarks of Western Digital Technologies, Inc. Other marks may be mentioned herein that belong to other companies. One gigabyte (GB) = one billion bytes. One terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. Product specifications subject to change without notice.

#### For service and literature:

[support.wdc.com](http://support.wdc.com)

[www.westerndigital.com](http://www.westerndigital.com)

800.ASK.4WDC	North America
800.832.4778	Spanish
+800.6008.6008	Asia Pacific
00800.27549338	Europe
	(toll free where available)
+31.880062100	Europe/Middle East/Africa

© 2009 Western Digital Technologies, Inc. All rights reserved.

Western Digital  
20511 Lake Forest Drive  
Lake Forest, California 92630  
U.S.A.

2579-001028-A20 Nov 2009

PUT YOUR LIFE ON IT®