



# 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

WD		0000		ABCD	
↑	↑	↑	↑	↑	↑
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.

For 1 TB and larger WD Black™ and enterprise drives, the decimal follows the first digit (e.g., WD1000FYPS is a 1 TB capacity drive).

These drives also use the last digit of the capacity number as a product code (e.g., WD2003FYYS). 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 TB/2.5-inch
- D TB/2.5- to 3.5-inch backplane adapter
- 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
- K GB/2.5-inch (12.5 mm z-height)
- L GB/2.5-inch (7 mm z-height)
- N TB/2.5-inch (15.0 mm z-height)
- S TB/2.5-inch (7 mm z-height)
- T TB/2.5-inch (12.5 mm z-height)

#### 4 Business Unit/Brand

- A Desktop/WD Blue™; WD Green™; WD Black; WD Caviar®
- B Enterprise/WD RE drive families (3-platter)
- D Enterprise/WD Raptor®
- E Mobile/WD Blue; WD Green; WD Black; WD Scorpio®
- F Desktop NAS/WD Red™
- H Enthusiast/WD VelociRaptor®
- K Enterprise/WD XE; WD S25
- L Enterprise/WD VelociRaptor
- M Branded/WD Branded
- N Branded Advanced Format/WD Branded
- P Mobile Advanced Format/WD Blue; WD Green; WD Black; WD Scorpio

#### 4 Business Unit/Brand (continued)

- R Enterprise Advanced Format/WD RE drive families
- U Audio/Video Advanced Format - WD AV
- V Audio/Video - WD AV
- W Enterprise Advanced Format/WD VelociRaptor
- Y Enterprise/WD RE drive families (4-platter)
- Z Desktop Advanced Format/WD Blue; WD Black; WD Green; WD Caviar

#### 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)
- T 10,000 RPM/EM (maximum buffer size offered by product)
- 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)
- X SATA 3 Gb/s with 22-pin SATA connector (Mobile)
- Z SATA 3 Gb/s, 6 Gb/s capable with 22-pin SATA connector

Subsequent updates to these definitions will be available in Change Administration's *Model Specification* (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> (DNA login required).

### Model Number Suffix

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

### 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). A copy is available from your WD representative if required.

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