



# Model Numbers - WD Internal Drives

Model Number Format for OEM and Distribution Channels

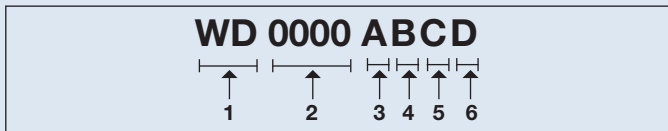


WD's model number format simplifies inventory management for distributors and system manufacturers. Capacity points are key to this format.

## 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



## Model Number Codes

### 1. Company Initials

WD

### 2. Capacity

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

*For 1 TB and larger WD Black™, WD Black2™, 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 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 (9.5 mm z-height)
- K TB/3.5-inch (Generation ID))
- L GB/2.5-inch (7 mm z-height)
- M GB/2.5-inch (5 mm z-height)
- N TB/2.5-inch (15.0 mm z-height)
- P TB/3.5-inch surveillance/WD Purple
- S TB/2.5-inch (7 mm z-height)
- T TB/2.5-inch (12.5 mm z-height)
- X TB/2.5-inch (9.5 mm z-height, new format)

### 4. Business Unit/Brand

- 0 Dual Drive SSHD/WD Black2™
- 1 Hybrid SSHD Gen 1/WD Black™
- 2 Hybrid SSHD Gen 2/WD Black™
- 9 Enterprise Cloud/WD Se™
- 4 Enterprise Archive
- A Desktop/WD Blue™; WD Green™; WD Black™
- B Enterprise/WD RE drive families (3-platter)
- C SCSSA/Vidity
- D Enterprise Self Encrypting Drive (SED)/WD Re™
- E Mobile/WD Blue™; WD Green™; WD Black™
- F Desktop NAS/WD Red™

- G Mobile/WD Purple™
- H Workstation/WD VelociRaptor®
- K Enterprise/WD Xe™
- L Enterprise/WD VelociRaptor
- M Branded/WD Branded
- P Mobile Advanced Format/WD Blue™; WD Green™; WD Black™
- R Enterprise Advanced Format/WD RE drive families
- S Enterprise Power Safe 512e
- 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™

## 5. RPM/Buffer Size or Attribute

- 2 16 Gigabyte NAND Flash (GNF)
- 6 128 GNF, 120 GB SSD
- A 5400 RPM with 256 MB cache
- B 7200 RPM with 256 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
- M Enterprise SED/WD Re™
- P 5400 RPM/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)
- W 7200 RPM with 128 MB cache
- Y 7200 RPM/EM (maximum buffer size offered by product)
- Z 5400 RPM with 128 MB Cache

## 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
- K SATA 6 Gb/s with 20-pin SFF-8784 connector
- S SATA 3 Gb/s with 22-pin SATA connector  
SATA 1.5 Gb/s with 22-pin SATA connector (Mobile)
- T SATA 3 Gb/s with 22-pin SATA connector (Mobile)
- W USB 3.0/Micro-B USB3.0
- X SATA 6 Gb/s with 22-pin SATA connector
- Z SATA 6 Gb/s with 22-pin SATA connector (Enterprise)

*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.

**For service and literature:**

<http://support.wd.com>

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