



# 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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2579-001028-A25 Jul 2012

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| +800.6008.6008                 | Asia Pacific                       |
| 00800.27549338                 | Europe (toll free where available) |
| +31.880062100                  | Europe/Middle East/Africa          |

# Legacy Model and Order Numbers

## Retired Model and Order Number Formats for WD Products

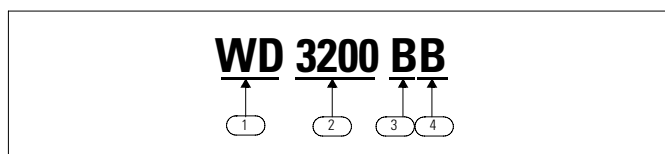
This document shows how to decipher WD internal drive model numbers issued prior to December 2005, retail channel model numbers issued between June 2005 and July 2009, and legacy order numbers issued prior to June 2005. In most cases, the legacy model and order numbers reference end of life products no longer covered by the current model number format.

### Model Number System - Distribution and OEM Channels (Prior to December 2005)

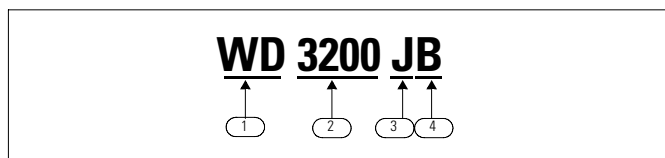
#### Internal Hard Drives

The base model number is composed of four sections:

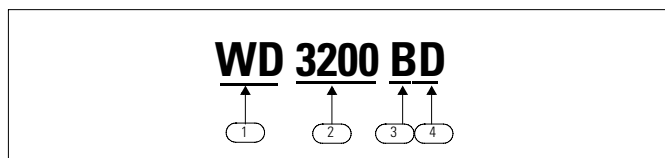
1. Company initials (WD)
2. Capacity (GB)
3. RPM/buffer size or attribute
4. Interface



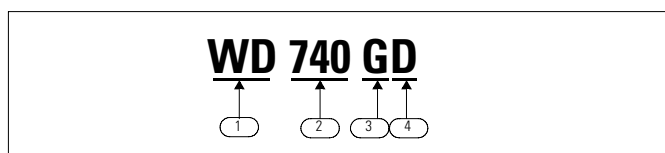
WD 320 GB 7200 RPM 2 MB Cache EIDE Hard Drive



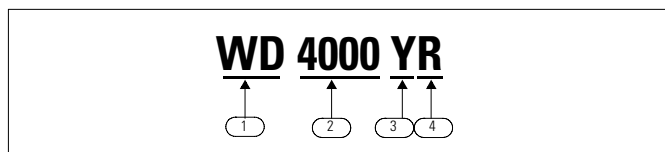
WD 320 GB 7200 RPM 8 MB Cache EIDE Hard Drive



WD 320 GB 7200 RPM 2 MB Cache SATA Hard Drive



WD 74 GB 10,000 RPM 8 MB Cache SATA Hard Drive



WD 400 GB 7200 RPM 16 MB Cache WD RE2 Enterprise Hard Drive

#### 1 WD

Western Digital

#### 2 Capacity

2, 3, or 4 digits  
Supports up to 999.9 GB

#### 3 RPM/Buffer Size or Attribute

- A 5400 RPM (multi-platter)
- B 7200 RPM with 2 MB cache
- C 10,000 RPM
- D 4500 RPM
- E 5400 RPM (single platter)
- F 10,000 RPM with 2 MB cache
- G 10,000 RPM with 8 MB cache
- H 10,000 RPM with 4 MB cache
- J 7200 RPM with 8 MB cache
- K 7200 RPM with 16 MB cache (Desktop)
- L 7200 RPM (Quiet Drive)
- M 5400 RPM (fluid dynamic bearings-FDB)
- N 5400 RPM (WD Protégé® with FDB)
- P 7200 RPM with 8 MB cache (Quiet Drive)
- R 10,000 RPM with 8 MB cache
- S 7200 RPM with 8 MB cache (Server/Enterprise)
- T 7200 RPM with 8 MB cache (Server/Enterprise Quiet Drive)
- U 5400 RPM with 2 MB cache (Mobile)
- V 5400 RPM with 8 MB cache (Mobile)
- W 3600 RPM (Mobile 1.0)
- X 4200 RPM (Mobile)
- Y 7200 RPM with 16 MB cache (Server/Enterprise)
- Z 7200 RPM with 2 MB cache (End of life)

#### 4 Interface

EIDE and SATA Products

- A ATA/66 with 40-pin IDE connector
- B ATA/100 with 40-pin IDE connector
- C FireWire®
- D SATA 1.0 (150 MB/s) with 22-pin SATA connector
- E ATA/133 with 40-pin IDE connector
- P CF-II with 50-pin connector
- R WD RE2 / RAID Edition 2
- S SATA 300 MB/s with 22-pin SATA connector

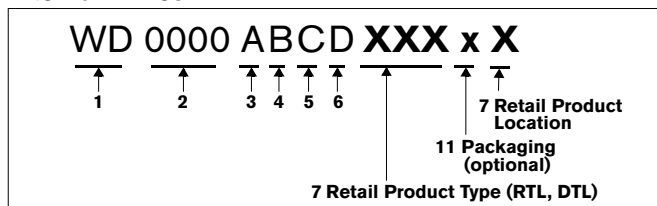
Home Entertainment A/V Products

W Home Entertainment A/V

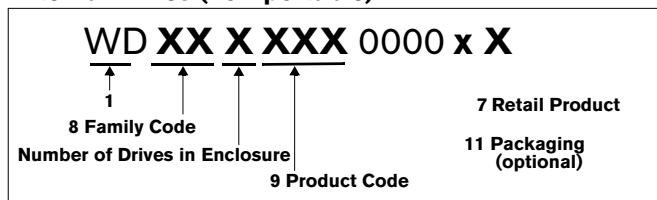
Figure 1. Base Model Number Codes

### Model Number System— Retail Channel (June 2005 to July 2009)

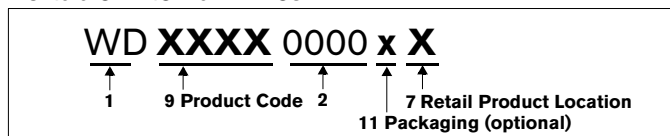
#### Internal Drives



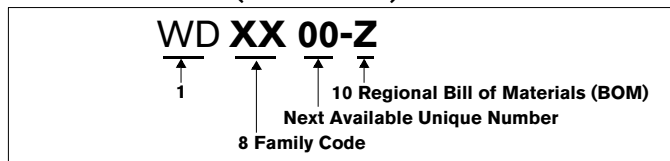
#### External Drives (non-portable)



## Portable External Drives



## Branded Products (Accessories)



## 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 drives (see model number code 3), the decimal follows the first digit (e.g., WD1000FYPS is a 1 TB capacity drive). Enterprise 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 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 IntelliPower™ with 16 MB cache
- D 5400 RPM with 32 MB cache
- 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)
- 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
- SATA 1.5 Gb/s with 22-pin SATA connector (Mobile)
- T SATA 3 Gb/s with 22-pin SATA connector (Mobile)

## 7 Retail Product Type & Location

- DTL Distribution Kits
- RTL Retail Kits — United States
- RTL2 Retail Kits — Europe
- RTL3 Retail Kits — Americas (Canada & Latin America)
- RTLK Retail Kits — Korea
- DTL Disty Kits

## 8 Family Codes

- CA Cable assembly
- CB Controller adapter card
- CC Carrying case
- E Elements
- FP Face plate
- G My Book® External Hard Drives
- H My Book External Hard Drives refresh
- PC Peripheral Component Interconnect
- PS Power supply
- X External

## 9 Product Codes

- B USB 2.0
- C USB 2.0 and FireWire® 400
- CS USB 2.0, FireWire 400, and eSATA
- MV USB 2.0 and card reader
- N USB 2.0 and 1000 BaseT
- NC USB 2.0 and 1000/100/10 Base-T
- Q USB 2.0, FireWire 800, and eSATA
- S eSATA
- SU USB 2.0 and eSATA
- T USB 2.0 and FireWire 400/800
- TP USB 2.0 and FireWire 400/800
- U USB 2.0 ultra-low cost
- UB USB 2.0 Dixon (with backup)
- A4NCWD ShareSpace™ Network Storage System
- AVN WD TV™ HD Media Player (NTSC)
- AVP WD TV HD Media Player (PAL)
- MS WD Passport® Portable Drive (black)
- MSA WD Passport Portable Drive (white)
- MSB WD Passport Portable Drive (red)
- MSC WD Passport Portable Drive (green)
- MSE WD Passport Portable Drive (pink)
- ME My Passport™ Essential™ (midnight black)
- MEA My Passport™ for Mac®
- MEB My Passport Essential (intense blue)
- MER My Passport Essential (real red)
- MEPN My Passport Essential (vibrant pink)
- MEBR My Passport Essential (raindrop blue)
- MERC My Passport Essential (cherry red)
- MEY My Passport Essential (super sunny yellow)
- MEG My Passport Essential (ultra mint/green)
- MEW My Passport Essential (arctic white)
- MEP My Passport Essential (deep viola/purple)
- MENG My Passport Essential (brilliant orange)
- ME My Passport™ Elite™ (titanium)
- MLZ My Passport Elite (bronze)

## 10 Regional Bill of Materials (BOM)

- A Australia/New Zealand
- C China
- D India
- E Europe
- H Hong Kong/Malaysia/Singapore
- J Japan
- K Korea
- L Latin America (Argentina/Brazil/Chile)
- M Mexico
- N North America (United States)
- P Asia Pacific - APAC (Australia/New Zealand, Malaysia, Singapore, Hong Kong, India)
- Q Canada
- S Multi-city Asia (Malaysia/Singapore/Hong Kong/India)
- T Taiwan/Thailand
- U United Kingdom (UK)

## 11 Packaging

- B Box
- C Customer-specific
- S Customer-specific
- T Clamshell
- W Customer-specific

## Model Number System — Retail Channel (Prior to June 2005)

### Internal Drives

**WD 3200 BB RTL2**

See Figure 1

1

**1 WD Retail Products**

|      |   |
|------|---|
| RTL  | Retail Kits - United States                     |
| RTL2 | Retail Kits - Europe                            |
| RTL3 | Retail Kits - Americas (Canada & Latin America) |
| RTLK | Retail Kits - Korea                             |
| DTL  | Distribution (Disty) Kits                       |

## Legacy Order Number System — Retail Channel

External products have an order number under which they are assembled, kitted, inventoried, and shipped.

*Note:* The WD model number on external products is used solely for identification by regulatory agencies.

### External Drives

**WD XC 3200 JB RNN**

See Figure 1 See Figure 2

**1 Drive Type**

|     |                              |     |                                |
|-----|------------------------------|-----|--------------------------------|
| XB  | WD Dual-option™ Combo        | XF  | WD Media Center                |
| XC  | WD Extreme™ Lighted Combo    | XML | WD Passport® Portable (silver) |
| XCB | WD Dual-option Combo Refresh | XMM | WD Passport Pocket             |
| XD  | SATA (Consumer Electronics)  | XS  | WD External SATA               |
| XE  | WD NetCenter™ Network        | XU  | External USB 2.0               |
|     |                              | XUB | WD Dual-option USB             |
|     |                              | XUL | WD Essential™ USB              |

### Accessories

**WD SC 50-RCW**

See Figure 1 See Figure 2

**1 Other WD Product Types (Non-Drive)**

|    |                       |
|----|-----------------------|
| AD | Adapter               |
| CF | CompactFlash®         |
| CW | CDRW products         |
| FP | Face plate            |
| SC | SecureConnect™        |
| SM | Smart Media           |
| SW | Software/utilities/CD |

## WD 3200 B 008-RNN

See Figure 1

Retail Product

### 1 WD External Product Types (Order Number)

- 01 FireWire®/1394 drive (old enclosure, 5400 RPM)
- 02 FireWire/1394 drive (new enclosure, 7200 RPM)\*\*
- 02 FireWire/1394 PCI adapter (desktop, 2-port card)
- 03 FireWire/1394 Cardbus adapter (notebook)
- 04 FireWire/1394 PCI adapter (new 3-port card)
- 05 USB 2.0 drive
- 09 USB/FireWire Cardbus PC card
- 10 S150 SATA RAID Controller (2-port card)
- 013 SATA RAID Controller
- 50 SATA SecureConnect cable
- 6X Face plates
- 021 Power supply (2.5-inch drive)
- 022 USB cable A to mini B (2.5-inch drive)
- 023 Power supply (WD Dual-option Combo)
- 024 Power supply (WD Essential/WD Dual-option)
- 025 USB cable (3.5-inch drive)
- 026 EIDE cable, Retail
- 027 3.5-inch USB external floppy drive

### WD External Product Types (Regulatory Model Number)

- 001 FireWire/1394 drive (old enclosure, 5400 RPM)
- 002 FireWire/1394 drive (new enclosure, 7200 RPM)\*\*
- 002 FireWire/1394 PCI adapter (desktop, 2-port design)
- 005 USB 2.0 drive
- 006 FireWire/USB 2.0 Combo drive (2 MB cache)
- 007 FireWire/USB 2.0 Combo drive (8 MB cache)
- 008 USB Series II drive
- 011 FireWire/USB 2.0 Combo drive with backup
- 012 FireWire/USB 2.0 Combo drive with Flash and backup
- 014 USB 2.0 Series III drive with one button
- 015 USB 2.0 Series III drive with three buttons
- 017 USB 2.0, 2.5-inch drive
- 019 USB 2.0/Ethernet external drive
- 020 SATA (Consumer Electronics)
- 027 3.5-inch USB external floppy drive

\*\* Regulatory mandated that WD use the 002 version twice. The new enclosure could not be submitted to regulatory with a skipped number.

### 2 Export Data Codes

- C China
- E Europe
- F France
- G Germany
- J Japan
- N North America (USA)
- S Singapore
- T Taiwan
- U United Kingdom (UK)

### 3 Regional Bill of Materials (BOM) Code

- A Australia/New Zealand
- C China
- D India
- E Europe
- F France
- G Germany
- H Malaysia/Singapore/Hong Kong
- J Japan
- K Korea/Taiwan
- N North America (USA)
- Q Canada
- R Russia
- U United Kingdom (UK)
- W Worldwide

Figure 2. WD External Drive Kits

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2579-701261-A01 Nov 2009

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