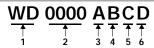# Model Numbers - WD Internal Drives
Model Number Format for OEM and Distribution Channels

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
     SATA 1.5 Gb/s with 22-pin SATA connector (Mobile)
T   SATA 3 Gb/s with 22-pin SATA connector (Mobile)
X   SATA 3 Gb/s, 6 Gb/s capable with 22-pin SATA connector
Z   SATA 6 Gb/s 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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