



# WD RE4

Enterprise SATA Hard Drives

**Outside of the  
boardroom, it's all  
the power you need**

Massive 2 TB capacity

High performance technology

24x7 reliability



Ideal for servers, video surveillance, and other demanding write-intensive applications, WD RE4 7200 RPM Enterprise SATA hard drives offer up to 2 TB capacity, 64 MB cache, 4th generation vibration tolerance and 5-year limited warranty.



PUT YOUR LIFE ON IT®



# WD RE4

## Enterprise SATA Hard Drives



### Product Features

#### Massive capacity

WD RE4 Enterprise SATA drives are available with up to 2 TB of cavernous capacity.

#### Dual processor

With double the processing power, WD RE4 boasts the highest performance of any drive in the RE family.

#### RAFF™

Enhanced RAFF technology includes sophisticated electronics to monitor the drive and correct both linear and rotational vibration in real time. The result is a significant performance improvement in high vibration environments over the previous generation of drives.

#### Dual actuator technology

A head positioning system with two actuators that improves positional accuracy over the data track(s). The primary actuator provides coarse displacement using conventional electromagnetic actuator principles. The secondary actuator uses piezoelectric motion to fine tune the head positioning to a higher degree of accuracy. (2 TB only)

#### StableTrac™

The motor shaft is secured at both ends to reduce system-induced vibration and stabilize platters for accurate tracking during read and write operations.

#### IntelliSeek™

Calculates optimum seek speeds to lower power consumption, noise, and vibration.

#### Multi-axis shock sensor

Automatically detects the subtlest shock events and compensates to protect the data.

#### RAID-specific, time-limited error recovery (TLER)

Prevents drive fallout caused by the extended hard drive error-recovery processes common to desktop drives.

#### NoTouch™ ramp load technology

The recording head never touches the disk media ensuring significantly less wear to the recording head and media as well as better drive protection in transit.

#### Thermal extended burn-in test

Each drive is put through extended burn-in testing with thermal cycling to ensure reliable operation.

#### Third generation dynamic fly height

Each read-write head's fly height is adjusted in real time for optimum reliability.

### Product Specifications

#### INTERFACE

SATA 3 Gb/s

#### FORM FACTOR

3.5-inch

#### SPIN SPEED

7200 RPM

#### CACHE

64 MB

#### MODELS

WD2003FYYS  
WD1503FYYS  
WD1003FBYX  
WD5003ABYX  
WD2503ABYX

#### CAPACITIES

2 TB  
1.5 TB  
1 TB  
500 GB  
250 GB

#### MTBF

1.2 million hours at 100% duty cycle

#### LIMITED WARRANTY

5 years

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As used for storage capacity, one megabyte (MB) = one million bytes, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, and gigabit per second (Gb/s) = one billion bits per second.