# Western Digital **EIDE Hard Drives**

7.5 GB

WD75DA

7,509 MB

14,666,400

40-pin EIDE

Voice Coil

15 ms (typical)

2.0 ms (typical)

28 ms (typical)

6.67 ms 4500 RPM

Adaptive

3 sec average

<1 in 10<sup>14</sup> bits read

40,000 min

Yes

2 MB

Yes

Yes

Yes

512

Yes

Yes

## WD Spartan<sup>™</sup>

These WD EIDE hard drives are the ideal solution for desktop personal computers and provide the best combination of quality, performance, and value.

#### **Physical Specifications**

Model Number Formatted Capacity 1 User Sectors per Drive Interface Actuator Type Bytes per Sector (STD) Dedicated Landing Zone Actuator Latch/Auto Park

### **Performance Specifications**

Data Transfer Rate Buffer to Host

66.6 MB/s (Mode 4 Ultra ATA)<sup>2</sup> 33.3 MB/s (Mode 2 Ultra ATA)<sup>2</sup> 16.6 MB/s (Mode 2 DMA)<sup>2</sup> 16.6 MB/s (Mode 4 PIO)<sup>2</sup>

Average Read Seek Track -to-Track Seek 3 Full Stroke Read Seek 3 Average Latency Rotational Speed Read Cache Write Cache Ruffer Drive Ready Time Start/Stop Cycles Master/Slave Support LBA Support IORDY Support Error Rate (Non-recoverable)

Recommended Setup 16383 x 16 x 63

#### **Physical Dimensions**

Height 1.0 in. (25.4 mm) ± 0.02 Length Width Weight

5.75 in. (146.0 mm) ± 0.02 4.0 in. (101.6 mm) ± 0.01 0.925 lb. (420 g) ± 10%

<sup>1</sup> Western Digital defines a megabyte (MB) as 1,000,000 bytes, and a gigabyte (GB) as 1,000,000,000 bytes. <sup>2</sup> Maximum burst rate running the specified PIO, DMA, or Ultra ATA transfer mode.

<sup>3</sup> On reads and writes.

No non-recoverable errors during operating tests or after non-operating tests.

<sup>5</sup> Sound power level.

#### **Environmental Specifications**<sup>4</sup>

Shock

20G (2 ms) Operating<sup>3</sup> Non-Operating 200G (2 ms) Half sine wave measured in 2 ms duration, measured without isolation.

5-20 Hz, 0.012 in, (dbl amp)

20-300 Hz, 0.25G (0 to peak)

5-20 Hz, 0.195 in. (dbl amp)

20-500 Hz, 4G (0 to peak)

5-85% RH non-condensing

Vibration Operating

Non-operating

Operating Temperature & Humidity Temperature Humidity Thermal Gradient

Non-Operating Temperature & Humidity Temperature Humidity Thermal Gradient

-40° C to 65° C 5-95% RH non-condensing 30° C/hour

33 dBA average

37 dBA average

500,000 POH

1 vear

. <0.8%

5° C to 55° C

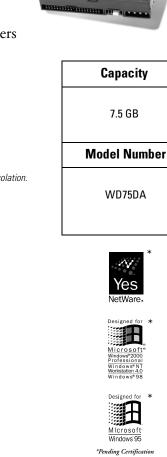
20° C /hour max

Acoustics (typical) Idle Mode 5 Seek Mode 5

Reliability/Warranty MTBF Warranty AFR

#### **Power Requirements (average)**

Voltage: 5V (±5%), 12V (±10%) Read/Write/Idle 4.6/4.6/4.0W Standby 1.4W 1.1W Sleep







#### For service and literature:

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