

# Western Digital

## 1394 Hard Drives

Here's a fast, easy way to add additional storage to a Macintosh or PC. These external hard drives with 1394 interfaces simply plug into any 1394-enabled computer and within seconds are up and running. The IEEE 1394 peripheral interface (also known as FireWire and i.LINK) has 30 times more bandwidth than USB, making it the perfect technology for high-speed devices like the latest hard drives, Digital Video (DV) camcorders, CD-RW drives, printers, and scanners.

### 1394 HARD DRIVE PRODUCT BENEFITS

- The fast, easy way to add a hard drive to your PC or Macintosh.
- Add multiple drives to gain virtually unlimited storage.
- Effortless connection, truly plug-and-play.
- Hot swap capability allows easy connection of a new peripheral without turning off the computer.
- Automatic configuration, no device IDs or terminators to worry about.
- Cables are simple and easy to connect, and can be up to 15 feet long.
- 1 year warranty
- Guaranteed compatibility

### 1394 HARD DRIVE APPLICATIONS

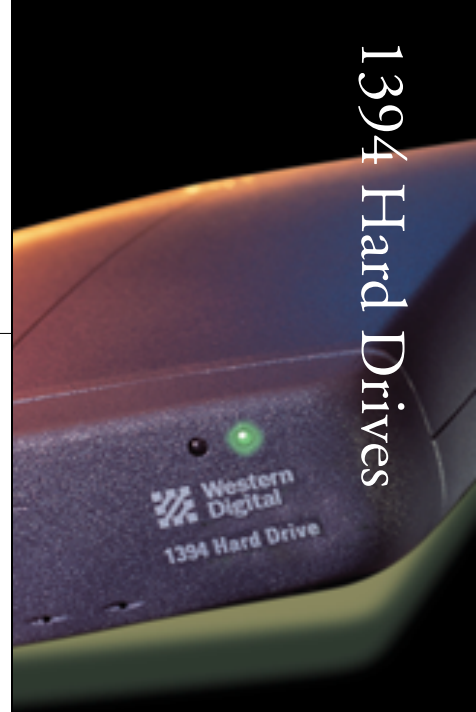
- Set up a professional Digital Video (DV) editing studio on your computer.
- Add virtually unlimited storage with multiple 1394 external hard drives.
- Offers plenty of storage space for your Internet downloads, photos, and music files.
- A perfect solution for data backup.

### PACKAGE CONTENTS

- IEEE 1394 external hard drive
- 6 foot (1.8m) 6-pin to 6-pin 1394 cable
- AC power adapter
- CD-ROM with drive setup software for Windows and Macintosh
- Quick Install guide

**IMPORTANT:** A 1394 connection on the computer is required. If your computer is not 1394 enabled, you can add a 1394 adapter card. Look for Western Digital's 1394 Adapters and other products at your favorite computer store or Western Digital's online store at [www.westerndigital.com/store](http://www.westerndigital.com/store).

1394 Hard Drives



#### INTERFACE

IEEE 1394  
FireWire®, i.LINK™  
compatible

#### CAPACITY

10, 20, and 30 GB

#### HARDWARE REQUIREMENTS

1394-enabled  
computer and  
CD-ROM drive

#### PART NUMBERS

WD100A001-RNN  
WD200A001-RNN  
WD300A001-RNN

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## 1394 Hard Drives

1394 Hard Drives



### Interface Specifications

- IEEE 1394 compliant
- SBP-2 compliant
- Supports serial bus data transfer rates of 100, 200 and 400 Mb/sec
- Two external 6-pin 1394 connectors
- Hot-plug capability

### System Requirements

#### PC Users

- Minimum 200 MHz processor
- Minimum 32 MB RAM
- Built-in 1394 port or a 1394 adapter
- Windows 98 SE (second edition) or higher
- CD-ROM drive

#### Macintosh Users

- A FireWire-enabled Macintosh computer
- Minimum 32 MB RAM
- Mac OS 8.6 or higher
- CD-ROM drive

### Drive Specifications

	10.0 GB	20.0 GB	30.0 GB
Formatted Capacity <sup>1</sup>	10,000 MB	20,000 MB	30,000 MB
Actuator Type	Voice Coil	Voice Coil	Voice Coil
Servo Type	Embedded	Embedded	Embedded
Dedicated Landing Zone	Yes	Yes	Yes
Actuator Latch/Auto Park	Yes	Yes	Yes
Model Number	WD100A001-RNN	WD200A001-RNN	WD300A001-RNN

### Performance Specifications

Average Read Seek	9.5 ms (typical)
Track -to-Track Seek	2.0 ms (typical)
Average Latency	5.5 ms
Rotational Speed	5400 RPM
Buffer	2 MB
Drive Ready Time	6 sec average

### Physical Dimensions

Height	1.30 in. (33.19 mm) $\pm$ .10
Length	7.02 in. (178.50 mm) $\pm$ .10
Width	5.94 in. (151.00 mm) $\pm$ .10

### Power Requirements

AC Input Voltage	100-240 VAC
AC Input Frequency	47-63 Hz
AC Input Current	2A max (RMS)

<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> Sound power level.

<sup>3</sup> Opening the 1394 hard drive case will void the warranty.

### Environmental Specifications

Operating Temperature	0° C to 40° C
Non-Operating Temperature	-20° C to 65° C
Acoustics (typical)	
Idle Mode <sup>2</sup>	33 dBA average

### Warranty

1 year (extended warranties available)<sup>3</sup>



Windows 98/2000  
Compatible

#### For service and literature:

800.ASK.4WDC USA  
507.286.7900 Outside USA  
+31-20-4467651 Europe  
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Western Digital Corporation  
8105 Irvine Center Drive  
Irvine, California 92618

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