



# Western Digital

## FireWire® Hard Drives

Here's a fast, easy way to add additional storage to a Macintosh® or PC. These external FireWire hard drives plug into any OHCI compliant, FireWire-enabled computer and within seconds are up and running. The FireWire interface (also known as IEEE 1394 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.

### FIREWIRE HARD DRIVE PRODUCT BENEFITS

- Perfect for digital video and audio applications.
- 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.

### FIREWIRE HARD DRIVE APPLICATIONS

- Set up a professional digital video editing studio on your computer.
- Record and play digital audio files (MP3 and WAV) and manage your music library.
- Add virtually unlimited storage with multiple FireWire external hard drives.
- Offers plenty of storage space for your Internet downloads, music files, video files, data files, and photos.
- Perfect for system backup.

### PACKAGE CONTENTS

- FireWire external hard drive
- 6 foot (1.8m) 6-pin to 6-pin FireWire cable
- AC adapter with power cord
- CD-ROM with drive setup software for Windows® and Macintosh
- Quick Install guide
- Digital video editing and digital stereo software for PC and Mac

**IMPORTANT:** A FireWire connection on the computer is required. If it is a PC, it must be OHCI compliant. If your computer is not FireWire-enabled, you may be able to add a FireWire adapter card. Look for Western Digital's FireWire PCI 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).

#### INTERFACE

FireWire  
IEEE 1394, i.LINK™  
compatible

#### CAPACITY

30 and 60 GB

#### HARDWARE REQUIREMENTS

FireWire-enabled,  
OHCI compliant  
computer and CD-  
ROM drive

#### PART NUMBERS

WD300A001-RNx  
WD600A001-RNx

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## FireWire Hard Drives

FireWire Hard Drives



### Interface Specifications

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

### System Requirements

#### PC Users

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

#### Macintosh Users

- A FireWire-enabled Macintosh computer
- Minimum 32 MB RAM
- Mac OS 9.0 or higher
- CD-ROM drive

### Drive Specifications

	30 GB	60 GB
Formatted Capacity <sup>1</sup>	30,020 MB	60,022 MB
Actuator Type	Rotary Voice Coil	Rotary Voice Coil
Servo Type	Embedded	Embedded
Dedicated Landing Zone	Yes	Yes
Actuator Latch/Auto Park	Yes	Yes
Model Number	WD300A001-RNx	WD600A001-RNx

### Performance Specifications

Average Read Seek	9.5 ms average
Track-to-track Seek	2.0 ms average
Average Latency	5.0 ms
Rotational Speed	5400 RPM
Buffer	2 MB
Drive Ready Time	5.5 sec average

### Physical Dimensions

Height	1.30 in. (33.19 mm) ± .10
Length	7.02 in. (178.50 mm) ± .10
Width	5.94 in. (151.00 mm) ± .10

### Power Requirements

AC Input Voltage	100-240 VAC
AC Input Frequency	50-60 Hz
AC Input Current	0.6A max (RMS)

### 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 warranty available)<sup>3</sup>



#### For service and literature:

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<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 FireWire hard drive case will void the warranty.