

# Model JAZ Series



## The Ultimate Hard Drive



### FEATURES

- **Faster than most hard drives (works as fast as you do!)**
- **Provides 1GB of disk space on each compact cartridge (enough to backup your entire hard drive!)**
- **Portable - goes where you go (makes transporting information easier!)**

### DESCRIPTION

#### An ideal answer for multimedia

Jaz drives and disks are the ideal solution for storing, transporting and playing multimedia applications. You can pack up to 1 gigabyte on each disk, and there is no limit to the number of disks you can use. The Jaz drive's speed access times and rapid transfer rate mean you can quickly and easily move files around. And the Jaz drive can handle even the most demanding usages, including full screen, full-motion video.

#### Elegant backup for large systems

Backing up today's larger PCs and network systems has been tough. Now, with a Jaz drive, you can backup a 1 gigabyte hard disk in as little as 5 minutes. With the Jaz drive's speed and the Jaz disk's capacity (up to 2 gigabytes per disk with compression) even large system backups are easier.

#### Eliminate the anxiety of hard drive upgrades

Jaz is the 5-minute solution to upgrading hard drives. Simply plug the Jaz drive into a SCSI port and you instantly have a second hard drive: one that works faster than most and has a full gigabyte of capacity. And, you can have access to unlimited storage space by simply adding disks as you need them. For those who want a more compact solution, a Jaz insider drive fits into any available 3.5" drive bay.

#### Jaz disks mean creativity has no limits

No longer will file size constraints limit your creative processes. With the combination of Jaz drives and disks you have the answer to all your storage needs, both for today and for the future.

#### Use one Jaz disk to:

- Save over 8 hours of CD quality sound
- Supplement your existing hard disk with expandable storage
- Perform non-linear editing on broadcast quality video for commercials, special effects sequences, and animations
- Develop and master CD-ROM applications
- Transfer huge graphics files to service bureaus and printers
- Backup your entire system on one disk, quickly
- Collect 150 color photos in your own digital photo album
- Record a 2 hour movie

#### Network Manager:

"The key to data security is regular backup, and the key to regular backup is to make the process as painless as possible. Being able to backup a gigabyte every 5 minutes does much to take the pain out of even full system backups."

#### MIS Director:

"Half our users outgrow their hard drives every year. Replacing those drives was both a cost and a hassle issue. With Jaz drives, we will get off the upgrade treadmill without paying a performance or capacity penalty to go to removable drives."

#### Graphic Designer:

"This is the drive of the future for the graphics industry. The combination of great capacity, unlimited storage, incredible performance, and affordable pricing make Jaz the answer to a designer's prayers."

**Video Editor:**

“Non-linear editing of broadcast quality video is a tremendous memory hog. The Jaz disk is the only economical answer to providing the speed and capacity we need. I expect to see Jaz drives in every post-production suite within a year.”

**Jaz tools software makes finding the right stuff easy**

Keeping track of several gigabytes of file space is simple with Iomega's Jaz tools. A cataloging feature tracks all your files on all your Jaz disks. Existing files on floppy disks, Bernoulli disks or any other removable media can be easily consolidated onto Jaz disks with a few simple commands. And, because of the huge capacity of each Jaz disk, backing up your hard drive has never been easier - get it all on one compact disk!

**SPECIFICATIONS****TRANSFER RATE****Sustained:**

3.77 - 6.73 MB/sec.

**Average:**

5.53 MB/sec.

**Burst rates:**

10 MB/sec.

**Seek time:**

12 ms

**Access time:**

17 ms

**Cache:**

256k read/write

**PERFORMANCE**

(PRELIMINARY)

**Average seek time:**

12 milliseconds

**Sustained transfer rate:**

6.73 MB/sec. maximum

5.51 MB/sec. average

3.53 MB/sec. minimum

**Burst transfer rate:**

10 MB/sec.

**Rotational speed:**

5400 RPM

**Average start/stop time:**

10/5 seconds

**Long format time (surface verify):**

30 minutes

**Short format time:**

10 seconds

**Buffer size:**

256K read/write

**RELIABILITY AND SERVICE****MTBF:**

250,000 hours

**Service life:**

5 years

**Bit error rate:**

1 in 10<sup>12</sup>

**Disk drop height:**

3ft

**Disk estimated:**

shelf life in case 10 years

**Warranty:**

drive/media 1 year/limited lifetime

**GENERAL****Disk storage capacity:**

Uses 1070 MB Jaz disks

(PC formatted capacity)

**Operating system compatibility:**

DOS, Windows, MacOS, OS/2 and Windows '95

**Interface:**

Fast SCSI-II

**Connections:**

two 50-pin high density SCSI-II (HD-50)

**Power requirements (insider):**

5V, 8 amp continuous, 1.1 amp peak

12V, 0.2 amps continuous, 1.2 amp peak

**Power requirements (portable):**

Universal input (auto-switching) 100-240V AC  
50/60 Hz

Acoustical noise (operating) Less than 42 dBA

SCSI termination Automatic and/or switchable

Dimensions (l x w x h) internal 5.75" x 4" x 1"

Dimensions (l x w x h) portable 8" x 5.33 x 1.5"

**Weight:**

2 lbs

**Read/write protection:**

via software  
(optional password protection)

### OPERATING CONDITIONS

**Temperature:**

Operating 10 to 46 C

**Storage:**

-40 to 60 C

**Shipping:**

-40 to 60 C

**Relative humidity:**

(non condensing)

**Operating:**

10% to 80%

**Non-operating:**

10% to 90%

### VIBRATION

**Operational:**

.03" p-p @ 5-10 Hz,  
.5g p-p @ 10-300 Hz,  
.2g p-p @ 300-500 Hz

**Non-operational:**

.4" p-p @ 2-10 Hz, 4g p-p @ 10-50 Hz

### SHOCK

@ 11 ms duration 1/2 sine wave

**Operational:**

3g

**Non-operational:**

80g

**Altitude (operating):**

10,000 feet maximum  
All specifications are subject to change and  
depend on your system

## ORDERING GUIDE

**Model 10133**

Jaz 1GB Internal SCSI-2 (SCSI interface  
required)

### ACCESSORIES

**Model 10150**

Jaz 1GB 3.5 Single pack

**Model 10151**

Jaz 1GB 3.5 Five pack

