



# Tech Info Library

## Apple 250 MB Hard Disk: Specifications (6/94)

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TOPIC -----

What are the technical specifications of the internal 250 MB hard disk for the Macintosh.

DISCUSSION -----

The specifications for the 250MB Hard Drive are as follows:

### Capacity

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Formatted Data Capacity:	250 MB
Data Surfaces:	*
Heads:	*
Block Size:	512 bytes

\* Note: The number of data surfaces and heads is specific to each vendor and changes.

### Performance

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Average Seek Time:	14 ms	NOC (Nominal Operating Conditions)
	19 ms	WOC (Worst Operating Conditions)

Data Transfer Rate:	Up to 5.0 MB/sec (Asynchronous)
	Up to 10.0 MB/sec (Synchronous)

Startup:	15 sec	WOC
Spindown:	15 sec	WOC

Must operate equally well in any orientation

### Physical

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Form Factor:	3.5 inch
Weight:	1.2 lb (Max)
Dimensions:	146.1 x 101.6 x 25.4 mm

## 50 Pin SCSI Connector

### Environmental

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#### Temperature

- Operating: 5 degrees C to 55 degrees C
- Non-operating: -40 degrees C to 65 degrees C

Relative Humidity: 10 to 90%, operating, non-condensing  
5 to 95%. non-operating, non-condensing

#### Altitude

- Operating: -500 feet to 10,000 ft
- Non-operating: -500 feet to 10,000 ft

#### Vibration peak levels:

- Operating: 0.5 G 22-300 Hz, with no errors
- Non-operating: 1.0 G 22-300 Hz, with no loss of data

#### Shock levels

- Operating: 1.0 G 22-300 Hz, with no errors
- Non-operating: 70 G 11 ms Half-Sine shock pulse

### Power Requirements

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Voltage: 5V DC with tolerance of +/-5%  
12V DC with tolerance of +10%/-8%

#### Power Draw

- Startup: 10.0 Watts (mean)  
15.0 Watts (max)
- Idle: 5.0 Watts (mean)  
6.0 Watts (max)

### Support Information Services

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