



Tech Info Library

Apple UniDisk 3.5: Specifications (Discontinued)

Revised: 9/13/93
Security: Everyone

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Artice Created: 27 Septemebr 1985

I. Technical Specifications

A. Recording Media:

1. Disk diameter: 3.5 inches
2. Recording surfaces: 2

WARNING: Disks used in UniDisk 3.5 must contain certified
DOUBLE-SIDED media.

3. Tracks per surface: 80

B. Capacities:

1. Formatted data: 800 kilobytes
2. Unformatted data: 1,246 kilobytes

C. Driver Characteristics:

1. Access Time:
 - a. Seek time (track to track): 6 milliseconds maximum
 - b. Settle time: 30 milliseconds maximum
 - c. Drive-motor start time: 600 milliseconds maximum
2. Transfer Rate: 500 Kilobits
3. Eject time: 2 seconds maximum

D. Power Consumption:

1. +12 volts

- a. Standby: 10 microamps
- b. Typical: 120 milliamps
- c. Peak: 600 milliamps during eject

2. +5 volts

- a. Standby: 170 milliamps
- b. Typical: 360 milliamps

E. Head Position Tolerance: Plus or minus 0.035 mm

F. Environmental Requirements:

1. Temperature:

	Degrees	
	Fahrenheit	Celsius
a. Operating:	40 to 120	5 to 50
b. Nonoperating:	40 to 140	-40 to 60

2. Humidity: 5% to 90%

- a. Maximum wet bulb temperature: 85 F, 29 C
- b. No condensation

G. Physical Dimensions:

	inches	millimeters
1. Length:	7.87	200
2. Width:	4.72	120
3. Height:	2.01	51

II. System Configuration:

A. Apple IIc

- A second UniDisk 3.5 can be plugged into the first
- An additional Disk IIc can be plugged into the first (or second) UniDisk 3.5

B. Apple II, Apple II Plus, Apple IIe

- With UniDisk 3.5 Apple IIe Accessory Kit
- A second UniDisk 3.5 can be plugged into the first.

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Tech Info Library Article Number:1307