



# Tech Info Library

## Apple UniDisk 3.5: Specifications (Discontinued)

Revised: 9/13/93  
Security: Everyone

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### 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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