



## Overview

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Small in size but large in power, the Apple® 3.5 Drive stores 800K of data on a single 3.5-inch disk. It's a flexible, economical choice for owners of Macintosh™ Plus, Macintosh SE, and Apple IIGS™ personal computers who want high-capacity storage at an affordable price.

## Features

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▶ Uses 800K double-sided, 3.5-inch floppy disks

▶ Easy Apple II system expandability

▶ In-use light

## Benefits

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- ▶ Provides over 2.5 times the capacity of on-line data storage available from 5.25-inch disks.
- ▶ Lets you hold large data files and applications on one disk, reducing the need to swap disks.
- ▶ Retrieves and stores data substantially faster than a 5.25-inch drive.
- ▶ Provides compatibility with 400K disks.
- ▶ Protects data, because disks are rugged and easy to carry.
- ▶ Allows Apple IIGS owners to run applications that come on 3.5-inch disks.

▶ Lets you add up to three additional disk drives (either 3.5-inch or 5.25 inch) to increase storage capacity as your needs change.

▶ Indicates when drive is running.



# Apple 3.5 Drive

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**System Requirements**

To use the Apple 3.5 Drive, you will need one of the following:

- ▶ A Macintosh Plus
- ▶ A Macintosh SE
- ▶ A Macintosh 512K Enhanced
- ▶ An Apple IIGs

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**Technical Specifications****Recording media**

- ▶ Disk diameter: 3.5 inches
- ▶ Recording surfaces: 2
- ▶ Tracks per inch: 80

**Capacity**

- ▶ Formatted data capacity: 800 kilobytes\*
- ▶ Unformatted data capacity: 1,246 kilobytes

\*Disks used in the Apple 3.5 Drive should contain certified double-sided media

**▶ Drive characteristics**

- ▶ Seek time (track to track): 6 milliseconds maximum
- ▶ Settle time: 30 milliseconds maximum
- ▶ Drive startup time: 600 milliseconds maximum

**Head position accuracy**

- ▶ ±0.035 mm

**Interfaces**

▶ Connects directly to the disk-drive port of the Macintosh 512K Enhanced, Macintosh Plus, Macintosh SE, or Apple IIGs. With the Apple IIGs, an additional drive can be daisy-chained to the first drive.

**Electrical requirements**

- ▶ +12 volts
  - Standby: 10 microamps
  - Typical: 120 milliamps
  - Peak: 600 milliamps (during eject only: 2-second maximum duration)
- ▶ +5 volts
  - Standby: 10 milliamps
  - Typical: 360 milliamps

**Environmental requirements**

- ▶ Operating temperature: 40° to 122° F (5° to 50° C)
- ▶ Storage temperature: -40° to 140° F (-40° to 60° C) with no condensation
- ▶ Relative humidity: 5% to 90% (with maximum wet bulb temperature of 85° F [29°C] and no condensation)

**Size and weight**

- ▶ Height: 2.01 in. (51 mm)
- ▶ Width: 4.72 in. (120 mm)
- ▶ Depth: 7.87 in. (200 mm)
- ▶ Weight: 2.8 lb. (1.3 kg)

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**Ordering Information****Apple 3.5 Drive**

Order No. A9M0106

With your order, you'll receive:

- ▶ Apple 3.5 Drive
- ▶ Owner's guide
- ▶ Limited warranty statement