



Overview

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

- Uses 800K double-sided 3.5-inch floppy disks
- Easy Apple II system expandability
- In-use light

Benefits

- Provides over five 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 II GS owner 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

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 II GS

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 II GS. With the Apple II GS, 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 wetbulb 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 lbs. (1.3 kg)

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