



Apple MessagePad 2000



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Basics

Apple MessagePad 2000





Overview

The Apple MessagePad 2000 is a hand-held computer with built-in communications and expansion options. It is the first modular hand-held computer designed specifically for mobile communications to access the Internet, Intranet, and World Wide Web.

The Apple MessagePad 2000 is repaired through whole-unit exchange.





Features

Features of the Apple MessagePad 2000 include the following:

- 167.9 MHz StrongARM 32-bit RISC processor
- 3 MB Read/Write memory space (1 MB DRAM; 2 MB FEPRM) expandable to 8 MB (4 MB DRAM; 4 MB FEPRM)
- 480x320 transreflective DFSTN LCD display with 0.26 mm dot pitch
- 16 levels gray scale
- Two Type II PCMCIA slots; 3.3 V and 5 V operation
- Backlight
- Universal AC/DC power adapter
- Rechargeable NiMH battery pack or four AA alkaline batteries
- 24 hours continuous operation with NiMH pack; 100 hours operation in Idle mode (display on, backlight off)





Specifications

Apple MessagePad 2000





Processor

CPU

StrongARM 32-bit RISC processor
167.9 MHz





Memory

RAM

4 MB

ROM

8 MB mask ROM





I/O Interface

Serial

One Newton InterConnect docking port supports serial I/O, audio I/O, and telephone I/O for networking and communications expansion

PCMCIA

Two Type II slots: 3.3 V and 5 V operation





Sound and Video

Speaker

8 ohm

Video Display

Transreflective LCD with EL backlight
480 x 320 pixels





Electrical

Main Batteries

4 AA alkaline batteries or a rechargeable NiMH battery pack





Physical

Dimensions

Height: 210.3 mm (8.25 in)

Width: 118.7 mm (4.7 in)

Depth: 27.5 mm (1.25 in)

Weight

Less than 1.8 lb with NiMH battery pack installed





Environmental

Temperature

Operating: 0 to 40°C (32 to 104°F)

Storage: -20 to 60°C (-3 to 140°F)

Relative Humidity

5% to 95% noncondensing

Operating Altitude

0-10,000 ft. (0 to 3048 m)





Troubleshooting

Apple MessagePad 2000





General

The Symptom Charts included in this chapter will help you diagnose specific symptoms related to your product. Because cures are listed on the charts in the order of most likely solution, try the first cure first. Verify whether or not the product continues to exhibit the symptom. If the symptom persists, try the next cure.

For additional assistance, contact Apple Technical Support.





Symptom Charts

Resetting the Operating System

Erratic operation

On back of MessagePad 2000, use a pen (not the stylus) to press the Reset button for two seconds. If MessagePad 2000 is on, it restarts. If MessagePad 2000 is off, it turns on.

Important: Check the time in Date and Time preferences. (The clock in MessagePad 2000 might lose some time whenever the Reset button is pressed.)



Reset Button





Screen

Screen is too light or too dark

- 1 Adjust contrast.
- 2 Adjust viewing angle.
- 3 Adjust surrounding lighting:
 - If surrounding lighting too dark, turn on backlight
 - If surrounding lighting too light, turn off backlight
- 4 Check that surrounding temperature is within operating range. (Refer to Specifications chapter.)
- 5 Contact Apple Technical Support.





Memory

“Out of Memory”
message appears

- 1 Tap the display’s Restart button.
- 2 Contact Apple Technical Support.

Power and Batteries

MessagePad 2000
will not turn on

- 1 If batteries have just been replaced, verify that + and - terminals are positioned properly.
- 2 If connected to power adapter, check that power outlet is working.
- 3 Adjust screen contrast.
- 4 Press Reset button on back of MessagePad 2000 (see the symptom “Resetting the Operating System”).
- 5 Contact Apple Technical Support.





Parts

Apple MessagePad 2000





Adapter Plug, Australia

922-2975





Adapter Plug, Europe

922-2974





Adapter Plug, UK

922-2973





Battery Pack, Rechargeable, NiMh

922-2968





Cable, Adapter, MessagePad 2000 to DIN-9

922-2971





Cable, Macintosh Connect

922-0564





Cable, PC Connect

922-0565





Case, Carrying, MessagePad 2000

922-2976





Case, Carrying, Nylon, MessagePad 2000

922-2972





Keyboard

661-0963





Power Adapter, Newton 9 Watt

922-2951





Stylus, MessagePad 2000, Pkg. of 5

922-2969

