



MessagePad 120 *with Newton 2.0 Operating System*

Features

Built-in organization

- Helps you plan monthly, weekly, and daily activities using the calendar and manage priorities using the Notepad
- Allows free-form notes, outlines, lists, and phone logs
- Includes customizable name and address files for colleagues and friends using a familiar business-card format
- Offers an assortment of information and productivity tools such as time-zone maps, a calculator, and currency exchange
- Includes Pocket Quicken, which puts current information about your cash, checking, savings, and credit-card accounts at your fingertips

Built-in communications

- Actively assists you in making phone calls, faxing, printing, finding information, and sending electronic mail
- Lets you beam notes, messages, schedules, or business cards via built-in infrared communications
- Uses an optional wired or wireless modem to send and receive faxes and built-in eWorld software to send and receive electronic mail
- Prints formatted letters and notes using Apple printers or serial or parallel printers using the optional Print Pack

Built-in integration with your personal computer

- Backs up all data onto your personal computer and can install software into your MessagePad 120 via the included Newton Backup Utility
- Using the optional Newton Connection Utilities, lets you integrate your Windows software-based or Macintosh computers to back up and synchronize information
- Using the optional Newton Press software, lets you publish electronic documents such as travel itineraries, reference books, or sales charts on your personal computer for view-ing and annotating on your MessagePad

Expandability

- Works with a large selection of PC cards and serial peripherals such as modems, pagers, wireless communications and storage products, and a keyboard
- Offers a large selection of productivity, finance, time, billing, management, reference, electronic document publishing, and entertainment software

The MessagePad 120 personal digital assistant (PDA) makes your information as mobile as you are.

It allows you to organize your work and personal life; to integrate information with your personal computer; to communicate using faxes, pages, and e-mail; and to expand your capabilities with third-party solutions.

It has a built-in Notepad, to-do list, datebook, telephone log, and address file for organizing personal and business affairs, as well as Pocket Quicken to help organize personal and business expenses.

You can enter information in many ways: as digital ink, printed text, hand-drawn graphics, or with an on-screen keyboard. There's even an optional external keyboard.

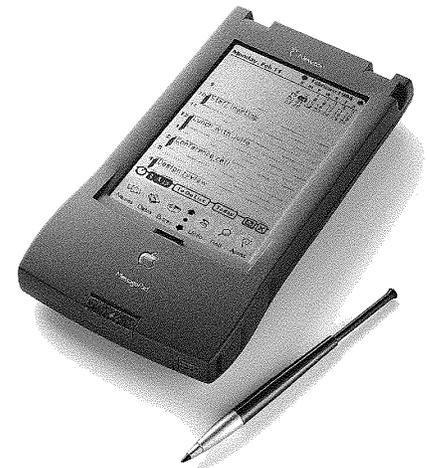
Pen-based navigation and data entry make finding information easy and fast.

Its improved recognition software transforms your handwriting into typed text. You can also print your information as it appears on its easy-to-read screen, or as fully formatted pages.

The MessagePad 120 can receive wireless messages and alphanumeric pages, and can send and receive faxes and electronic mail. Included eWorld software allows you to communicate with Internet users via eWorld.

The MessagePad 120 also lets you share and exchange information with either Windows software-based or Macintosh computers using the included Newton Backup Utility, or optional Newton Connection Utilities and Newton Press software.

Your MessagePad 120 can also be customized with software applications as well as accessories and on-line services that put critical information at your fingertips, no matter where you are.





MessagePad 120 *with Newton 2.0 Operating System*

Ordering Information

MessagePad 120/2MB

Order No. H0153LL/A

- MessagePad 120 personal digital assistant with Newton 2.0 operating system
- Telescoping pen
- Batteries
- Pocket Quicken software
- Newton Backup Utility and cables
- Complete setup, learning, and reference documentation
- Limited warranty

Accessories

- The MessagePad 120 with Newton 2.0 operating system is compatible with most accessories available for the MessagePad 110 and MessagePad 120 with Newton 1.x operating system.

Please see the MessagePad Accessories data sheet for detailed information.

Newton operating system upgrade
For a limited time only, your MessagePad 120 with Newton 1.x operating system can be up-graded to the Newton 2.0 operating system. To order the upgrade or receive more information on the upgrade program, call 1-800-SOS-APPL, or via the Internet
<http://www.info.apple.com/newton>

Product specifications are subject to change.

Check with your Apple reseller for the most current information about product specifications and configurations.

Technical Specifications

Newton Intelligence

- Newton Recognition Architecture
 - Recognizes handwriting—printed, cursive, or a mixture of the two—with the assistance of a 93,000-word, built-in word list
 - Lets you add up to 1,000 words to its word list
 - Includes four pop-up keyboards: typewriter, numeric, phone, and time/date
 - Recognizes graphics and symmetrical objects
- Newton Information Architecture
 - Object-oriented database stores, finds, and links information and provides a flexible view of this data
 - Newton Toolkit lets you easily create custom applications using its flexible graphical toolbox
 - Architecture lets you easily share data across applications
- Newton Communications Architecture
 - Built-in support for serial communications, PC card modems, fax send and receive, and electronic mail
 - Provides single interface for modular, object-oriented communication services
 - Supports new communications capabilities through its modular design
- Intelligent Assistance Architecture
 - Helps users complete repetitive tasks in multiple categories, including communications, scheduling, finding, and reminding functions
 - Contains smart defaults to reduce complexity
 - Works in and between applications
 - Supports third-party extensions
- Newton Hardware Architecture
 - ARM 610 RISC processor at 20 MHz
 - Apple custom system ASIC
 - Low-power, reflective LCD display (320 by 240 pixels) 3.8 in. by 2.8 in. (9.6 cm by 7.2 cm)
 - Telescoping pen and crisp, transparent tablet
 - 8MB of ROM
 - 687K of system RAM; 1,361K of nonvolatile user RAM
 - One PC Card Type II slot with 325 mA capacity
 - LocalTalk and RS-232-compatible serial port
 - Low-power, half-duplex, infrared transceiver works at up to 38.4 kbits/sec within 3.28 feet (1 meter)
 - Protective removable lid

Communications capabilities

- Print using a variety of serial, parallel, and network printers
- Receive and store wireless messages using optional messaging cards*
- Communicate via e-mail or tap into on-line information services with an optional wired or wireless modem card and software
- Fax with optional fax/modem (automatic cover-page generation, post-formatting)
- Beam notes, name cards, and appointments at up to 38.4 kbits/sec within 3.28 feet (1 meter) using high-speed infrared technology
- Automatically dial phone calls with assistance for intelligent auto-dialing (DTMF or modem dialing)*
- Using built-in eWorld software with an optional modem, exchange electronic mail with other eWorld subscribers, as well as with users of other on-line services including the Internet

Size and weight

- Length: 8.0 in. (20.32 cm)
- Width: 4.0 in. (10.16 cm)
- Height: 1.2 in. (2.9 cm)
- Weight: 1.0 lb. (0.48 kg) without batteries

Operating environment

- Temperature: 32° to 104° F (0° to 40° C)
- Storage temperature: -4° to 117° F (-20° to 47° C)
- Transit temperature: -4° to 149° F (-20° to 65° C) for up to 72 hours
- Relative humidity: 20% to 90% noncondensing

Power requirements

- Power adapter
 - Universal, 100 to 240 volts AC, 50/60 Hz
 - Four plug configurations: U.S., U.K., Europe, and Australia
- Battery type: alkaline or NiCd Battery Pack
- Lithium cell: DL2032
 - Operating range: 3 volts (nominal)
- Built-in fast charger for optional NiCd Battery Pack
- Power source: four AA batteries (included), optional Power Adapter, and optional Rechargeable NiCd Battery Pack

Computer connectivity hardware requirements

- Works with PC-compatible computers with 80386DX or later processors running Windows version 3.0 or later
- Works with Macintosh computers with 68030 or later processors and system software version 7.1 or later

Printer support

- Built-in support for the Apple LaserWriter, Apple Color LaserWriter, Apple StyleWriter, and Apple Color StyleWriter printers series (does not support the Apple Color StyleWriter Pro)
- Works with most popular PC printers, including the Hewlett-Packard LaserJet II, DeskJet 500, Canon BubbleJet 10e, and Epson LQ and FX using the optional Print Pack

Fax machine support

- Supports Group 3 fax machines

* This service may not be available in all countries.

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