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Apple MessagePad 120: W/ Newton 2.0 OS Specifications (4/97)

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Security: Everyone

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TOPIC -----

This article provides the technical specifications of the Apple MessagePad 120 with the Newton 2.0 OS installed.

DISCUSSION -----

Technical Specifications
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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 (320x240 pixels) 3.8x2.8 in. (9.6x7.2 cm)
 - Telescoping pen and crisp, transparent tablet
 - 8 MB 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)*
- Exchange electronic mail with users of on-line services including the Internet

* Note:

This service may not be available in all countries.

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 deg. F (0 to 40 deg. C)
- Storage temperature: -4 to 117 deg. F (-20 to 47 deg. C)
- Transit temperature: -4 to 149 deg. F (-20 to 65 deg. 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

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

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- 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 upgraded 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 through the Internet <http://www.info.apple.com/newton>

Product specifications are subject to change. Check with your authorized Apple reseller for the most current information about product specifications and configurations.

Article Change History:

28 Apr 1997 - Removed out dated on line references.

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