Newton MessagePad 120

Features

Built-in functions
- Calendar helps you plan monthly, weekly, and daily activities
- To-do list helps you manage and prioritize your tasks
- Includes name and address files for colleagues and friends using a familiar business-card format
- Actively assists you in making phone calls, faxing, finding information, sending electronic mail, printing, scheduling meetings, and completing to-do lists
- Offers an assortment of information and productivity tools such as time-zone maps, a calculator, currency exchange formulas, and measurement conversions
- Allows free-form note taking
- Can turn printed or cursive handwriting into typed text
- Lets you beam notes, messages, schedules, or business cards via built-in infrared communication capability
- Can use a wired or wireless modem to send faxes or use built-in NewtonMail software to tap into electronic mail and on-line services
- Using the optional Newton Connection Kit, lets you share information and back up and synchronize files with Windows-based or Macintosh computers
- Prints formatted letters and notes directly using Apple printers or serial or parallel printers using the optional print pack
- Maintains your business and personal information safely and securely even when your batteries are fully discharged

Expandable functions
- Offers a large selection of productivity, finance, time, billing, management, reference, and entertainment software
- Lets you receive wireless paging messages with an optional messaging card
- Works with a large selection of PCMCIA cards and external serial peripherals — modems, pagers, and wireless communications and storage products

The Newton MessagePad 120 puts easy-to-use communications, productivity, and desktop connectivity solutions in the palm of your hand so you can work away from your office.

Yet you'll find it far more useful than paper or electronic organisers because while it has a built-in notepad, to-do list, datebook, and address file for organising personal and business affairs, with a modem it can also send faxes and gives you access to e-mail and on-line services.

The Newton MessagePad 120 can receive pages as well as electronic mail. And its built-in infrared communications allow you to instantly exchange information with other Newton devices.

The Newton MessagePad 120 lets you share and exchange information with either Windows-based or Macintosh computers.

Pen-based navigation and data entry make finding information easy and fast. And it allows to you capture and organise information in many forms: notes, sketches, schedules, lists, and letters. It also lets you enter information in many ways: digital ink, printed text, graphics, on-screen keyboard, or a combination.

The Newton MessagePad 120 has printing capabilities that make it simple to print your information the way it appears on its crisp, easy-to-read screen, or as full-page formatted letters.

Its built-in recognition software can even transform your written handwriting into typed text letter by letter or word by word.

But best of all — unlike paper and electronic organisers — your Newton MessagePad 120 can be expanded with software titles as well as accessories and on-line services that can keep you organised, efficient, and very well informed.

Newton MessagePad 120

Newton MessagePad 120 2MB Version
Order No. H00131Z/A
- Newton MessagePad 120 personal digital assistant
- Telescoping pen
- Batteries
- Complete setup, learning, and reference documentation
- Limited warranty
- Notion 1.1 software

Accessories
- The Newton MessagePad 120 is compatible with all accessories and software applications available for the Newton MessagePad 110.

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

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Technical Specifications

Newton Intelligence
- Newton Recognition Architecture
—Recognizes handwriting—printed, cursive, or a mixture of the two—with the assistance of a 13,000-word, built-in word list
—Lets you add up to 1,000 words
—Recognizes writing letter by letter or word by word
—Allows deferred recognition: can store notes in handwritten form for later recognition
—Includes three pop-up keyboards: typewriter, numeric, and phonepad
—Recognizes graphics and symmetrical objects
- Newton Information Architecture
—Object-oriented database stores, finds, and links information and provides a flexible view of this data
—Easy creation of custom applications via the flexible graphical view toolbox
—Easy data sharing across applications
- Newton Communications Architecture
—Provides single interface for all communication services
—Supports easy communications with minimum setup requirements
—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 extensions by third-party developers
- Newton Hardware Architecture
—ARM 610 RISC processor at 20 MHz
—Apple custom system ASIC
—Low-power, reflective LCD display (320 by 240 pixels) 9.6 cm by 7.2 cm (3.8 in. by 2.8 in.)
—Telescoping pen and crisp, transparent tablet
—4MB of ROM, upgradable
—2MB RAM version: 687K of system RAM; 1,361K of nonvolatile user RAM
—One PCMCIA Type II card slot with 325 mA capacity
—LocalTalk and RS-232 – compatible serial port
—Low-power, half-duplex, infrared transceiver works at up to 38.4 kbps within 1 meter (3.28 feet)
—Protective removable lid

Communications capabilities
- Capable of communicating with a variety of serial, parallel, and network printers
- Receive and store wireless messages using optional messaging card*
- Communicate via e-mail or tap into on-line information services with an optional modem card
- Send notes, name cards, and appointments at up to 38.4 kbps within 1 meter (3.28 feet) using high-speed "beaming" via infrared technology

- Handle telephone needs with assistance for intelligent auto dialing (DTMF or modem dialing)*
- Fax with optional fax/modem (automatic cover-page generation, post-formatting)
- Using built-in NewtonMail* with optional modem, exchange electronic mail with other NewtonMail or eWorld subscribers, as well as with subscribers of other on-line services

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

Operating environment
- Temperature: 0° to 40° C (32° to 104° F)
- Storage temperature: –20° to 47° C (–4° to 117° F)
- Transit temperature: –20° to 65° C (–4° to 149° F) 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 NiCad Battery Pack
- Lithium cell: DL2032
—Operating range: 3 volts (nominal)
- Built-in fast charger for optional NiCad Battery Pack
- Power source: four AA batteries (included), optional Power Adapter, and optional Rechargeable NiCad Battery Pack

Computer connectivity requirements
- Works with PC-compatible computers with 80386DX or better processors running Windows version 3.0 or later, using the Newton Connection Kit for Windows
- Works with Macintosh computers with 68030 or better processors and system software version 7.1 or later, using the Newton Connection Kit for Macintosh

Printer support
- Built-in printer support for the Apple LaserWriter Plus (and other PostScript-equipped LaserWriter printers), the Personal LaserWriter LS, as well as the StyleWriter II printers
- 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 Newton Print Pack

Fax machine support
- Supports Group 3 fax machines

* This service may not be available in all countries