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NEW PRODUCTS

NeXT 1.0 Released

Next, Inc. has released 1.0, the end-user version of its system software for the NeXT computer. As mentioned in our preliminary review of 0.8 and 0.9 (Computers in Physics 3:5) system software includes not only the operating system, but also the NeXTStep object-oriented programming environment and user interface, additional development tools and bundled applications. The 1.0 version makes the benefits of workstation computing—true multitasking, dense storage capacity, large screen, built-in networking, rich development environment and fast processing power—accessible to even non-technical users.

Version 1.0 of the NeXT Computer System includes Mach/UNIX 94.3BSD-compatible) operating system; Display PostScript; Bundled software applications (Digital Librarian, Webster's Ninth New Collegiate Dictionary & Thesaurus, Oxford Dictionary of Quotations, Oxford University Press Edition of William Shakespeare: The Complete Works, Mathematica, among others); Bundled programming environments (include Allegro CL Common LISP, NeXT Objective C compiler and debugger, NeXT SQL Database Server); Assorted demos and examples (Framemaker 2.0); On-line documentation; and Networking and System Administration tools.

The 1.0 upgrade package includes software release 1.0, ROM upgrade (necessary due to changes in formatting the optical drive with the 1.0 system software), Guide to upgrading (quick reference), Upgrading to Release 1.0 (detailed instructions), Release notes, Network and System Administration, Getting started on the NeXT (booklet), and the NeXT User's reference manual. Price is \$9995 (Standard configuration: 8MB memory, 256MB Optical Drive, MegaPixel Display, keyboard, mouse, 1.0 system and bundled software) or \$6500 for Higher Ed/Developers.

NeXT, Inc.
900 Chesapeake Drive
Redwood City, CA 94063
(415) 366-0900

Little Mac

Apple introduces a portable system that combines advanced screen technology, sophisticated power management, all-in-one design and complete Macintosh compatibility. Its Motorola CMOS 68000 runs at 16 MHz, approximately doubling the performance of the Macintosh SE. A microprocessor monitors the activity of the Portable, providing power management through "rest" or "sleep" modes.

The system includes a trackball and low-power mouse and a full-size keyboard. Other features are expansion connectors for an internal modem and for additional RAM and ROM.

Weight is 13.7 pounds including battery. Price is \$5,799 for 1MB RAM/SuperDrive or \$6,499 for 1MB RAM/40MB Hard Disk/SuperDrive.

Apple Computer, Inc.
20525 Mariani Ave.
Cupertino, Ca 95014
(408) 974-2042

Big Mac

The new Macintosh IIci from Apple is the highest performance computer that Apple has ever introduced. It is equipped with Motorola 25 MHz 68030 and 68882. The use of 80 nanosecond DRAM accommodates the faster speed of the microprocessor. Hardware for the system includes three NuBus slots, 1MB to 8MB, the internal SuperDrive, and an internal 3.5-inch hard disk. The microprocessor's built-in PMMU (Paged Memory Management Unit) can be used with A/UX®, Apple's UNIX® system. The system accommodates either 40MB or 80MB 3.5-inch disks.

Each IIci includes a mouse, System Software 6.0.4, HyperCard 1.2.5, SuperDrive, and all documentation. Price for IIci with 1MB RAM: \$6,269.

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20525 Mariani Ave.
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