



PRESS INFORMATION

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FOR IMMEDIATE RELEASE

APPLE COMPUTER INTRODUCES NEW FILE MANAGEMENT SOFTWARE FOR THE APPLE III

Cupertino, Calif., June 7, 1982—Apple Computer, Inc. announces Quick File III, an easy-to-use filing system for managing small to medium size collections of information on the Apple III personal computer.

With Quick File III, a doctor, small business owner, homemaker, or scientist can quickly turn receipts, notes, lists, and schedules into coherent files and reports. Quick File III allows for simple arrangement of records in alphabetic, numeric, date, or time order and saves time and effort in producing repetitive reports, calculations, and corrections. Two types of report formats—tables (rows and columns) and labels or index cards—can be easily created and printed.

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Quick File III...

- allows the user to design forms to meet special needs;
- allows categories to be added and deleted without retyping previously-held information;
- can selectively search, display, and summarize records;
- can view many records simultaneously;
- can "talk" to Apple Writer III and other ASCII character files.

"Quick File III is every person's information organizer, a real help to those who wish to be more efficient and productive, whatever their line of work," says Kris Olson, product manager.

The program provides these additional convenient reporting features:

- calculates totals and subtotals of numeric information;
- contains a calculated column (for percentages, the sum of two other columns, etc.);
- allows for the choice of which rows and columns are printed and in what order.

The program (product #A3D0020) requires an Apple III system with at least 128K bytes RAM. It has a suggested retail price of \$100, and will be available in late August from authorized Apple dealers.

Apple Computer, Inc., with headquarters in Cupertino, Calif., designs and manufactures personal computers, peripheral products and application software. Its Apple II and Apple III computers are widely used in business, professional, scientific, and educational applications.



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ANALYSIS AND GRAPHICS PROGRAMS LEAD NEW BUSINESS SOFTWARE FROM APPLE COMPUTER

Cupertino, Calif., June 7, 1982—Two new software programs developed for the business market and published by Apple Computer give corporate managers and professionals flexible and wide-ranging capabilities to enhance analyses, presentations, and business decisions.

Apple II Senior Analyst and Apple II Business Graphics join a growing catalog of Apple personal computer programs for the business environment. Their respective applications in financial modeling and graphic presentation bring powerful and economical resources to the corporate manager or professional.

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Apple II Senior Analyst, which will also be available for the Apple III personal computer in late summer, represents the next generation of modeling tools for financial planning and analysis. Unlike spreadsheet programs, Senior Analyst acts as its own data base, and therefore can easily consolidate many models into one for "big-picture" analysis.

For example, a corporate manager can consolidate manufacturing, inventory and sales models into a single model, and then pull out a forecast based on the comprehensive data.

Apple II Senior Analyst automatically generates printed reports in plain English, a significant time-saving feature. The program also:

- documents assumptions on which models are based automatically in easy-to-understand reports;
- requires no programming or previous computer experience;
- provides built-in functions including sum, minimum, maximum, three kinds of depreciation, and linear regression forecasting.

Business Graphics performs data analysis and transforms numerical data into simple illustrations. The program minimizes the time and resources needed to prepare presentations and enhances comprehension of facts and figures.

Apple II Business Graphics, which is also available for the Apple III personal computer, is designed for people who need to present business information in concise and visual forms. It enables the manager to transform rows and rows of numbers into simple graphs that depict complex relationships.

For example, a manager could move product sales data for the past three months from a VisiCalc file to Business Graphics. The desired analytical functions could then be performed, and a graph created that shows projected sales for the next three months.

Business Graphics is simple to execute because in just a few keystrokes it:

- converts numerical information into eye-catching charts and graphs, which makes it ideal for video and print presentations;
- prints to most popular printers and plotters, from which overhead transparencies and color charts can be made;
- plots two or more graphs on the same set of axes, which allows rapid, in-depth comparisons;
- loads and plots data from Apple Pascal, DIF (Data Interchange Format), 13- and 16-sector BASIC, Apple Plot, and VisiCalc.

In addition, the program allows the user to perform a number of statistical functions, including minimum, maximum, sum, mean, standard deviation, and variance. The user can also create curve fitting and trend line analysis, and establish trends through least fitting squares, constant, parabola, logarithmic, and sine curves.

Apple II Senior Analyst (product #C2B0012) and Apple II Business Graphics (product #A2D0049) are now available from authorized Apple dealers. The programs require a 48K Apple II or Apple II Plus with a language or memory card. Apple III Business Graphics (product #C3B0002) requires a 128K Apple III. The suggested retail prices are \$225 for Senior Analyst, and \$175 for Apple II or Apple III Business Graphics.



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APPLE III COBOL ANNOUNCED BY APPLE COMPUTER

Cupertino, Calif., June 7, 1982—Apple Computer is previewing Apple III COBOL, the first personal-computer-based COBOL language capable of executing significant mainframe applications, at the National Computer Conference.

COBOL (Common Business Oriented Language) is the most widely used programming language for commercial and administrative data processing applications. Apple III COBOL has been certified by the General Services Administration's Federal Compiler Testing Center at High-Intermediate Level, which is a higher level than many of the COBOL systems available for minicomputers. Its features take advantage of the large memory, advanced input/output, and the other capabilities of the Apple III's Sophisticated Operating System (SOS).

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"The power of this COBOL, especially the ability to use applications from large computers, makes the Apple III a very cost-effective solution for system integrators," said Hugh Mackworth, product manager. "For mainframe programmers, Apple III COBOL's immediacy will make it an attractive alternative."

Apple III COBOL features Animator, a powerful screen-oriented, source-level debugger. Animator provides an "animated" view of actual program execution, and allows the programmer to run a program one statement at a time or continuously while watching its execution. The program can be stopped and the value of any data item checked and changed before continuing. In this way, programmers can efficiently debug a complete application.

The Animator makes the Apple III COBOL a good teaching system because the student can actually see his or her code execute.

Also featured is FORMS-2, a COBOL source-code generator which lets the programmer begin with a blank screen and end with a fully-operational program. FORMS-2 interactively creates data entry screens and generates COBOL source for use in a program.

Apple III COBOL requires an 128K Apple III system, a video display device such as the Monitor III, and at least one external floppy or hard disk drive. Full use of the Animator requires 256K of memory. The program's retail price will be under \$500. It will be available from authorized Apple dealers this fall.

Apple Computer, Inc., with headquarters in Cupertino, Calif., designs and manufactures personal computers, peripheral products and application software. Its Apple II and Apple III computers are widely used in business, professional, scientific, and educational applications.



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FILE ACCESS PROGRAM FOR APPLE III SOFTWARE DEVELOPERS ANNOUNCED BY APPLE COMPUTER

Cupertino, Calif., June 7, 1982--A sophisticated, multi-keyed file access program that saves costly software development time has been announced by Apple Computer.

Record Processing Services (RPS), designed for Apple III Pascal software developers, provides file management services for programs handling large quantities of data. The multi-key file access method allows files to be readily interchanged among programs built on RPS. Data is not locked up in any one program.

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"RPS offers to Apple III Pascal programmers the opportunity to save development time," said Kris Olson, Apple product manager. "It is a major new product for the Apple III—a sophisticated, general purpose file access method.

"Apple is committed to RPS as its own Apple III access standard, and we expect it to be an important tool for software developers."

RPS has a general purpose design that:

- supports the Apple ProFiletm hard disk and any other SOS block device;
- allows a maximum file size of 16 megabytes;
- permits up to 8 keys per file and multi-field keys, with no primary key required;
- supports variable-length and fixed-length records;
- utilizes an enhanced B+ index structure;
- permits multiple simultaneous file scans, optional concurrency control and file locking.

It also features six access modes, eleven data types (including a user-defined type), and duplicate and/or null key values.

RPS provides 64 bit integer numerics that are primarily designed for accounting and business programs. This new data type allows users to work with numbers in the range of +/- 9,223,372,036,854,775,808, and is a powerful extension to the IEEE numerics supported by Apple III Pascal.

Users of RPS must obtain a license for resale or distribution of RPS-based products. Available through Apple Vendor Support, licenses are \$100 per product per year for an unlimited number of resale or distributed copies. Technical support is available to licensed vendors.

Apple III Record Processing Services will be available in early fall from authorized Apple Computer dealers. The suggested retail price is \$150. The RPS Programming Manual is available separately for a suggested retail price of \$30.

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SUPERPILOT JOINS THE APPLE FAMILY OF INSTRUCTIONAL DEVELOPMENT SOFTWARE

Cupertino, Calif., June 7, 1982—SuperPILOT, a versatile extension of the Apple PILOT software language, has been announced by Apple Computer, Inc. It joins several new products in Apple's PILOT series that help educators and industrial trainers create lessons and illustrations for computer-aided instruction.

SuperPILOT offers all the capabilities of Apple PILOT plus added features for graphic enhancement, easy debugging, and external video control. Designed for interactive video and graphics applications, SuperPILOT makes complex ideas and the hard to imagine more accessible to the student and trainee.

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"Lessons or training sessions created on SuperPILOT will make difficult concepts and processes easier to understand and retain," states Debra Janssen, product marketing manager. "Powerful computer simulations for industrial or academic learning situations can now be designed without a main frame computer or its complicated software."

Janssen added, "SuperPILOT's power, flexibility, and price make it the right choice for teachers in education, and trainers in business and industry who develop courseware or instructional materials."

The SuperPILOT program:

- controls external videodisc and videotape through user and computer command and response;
- presents "turtle" graphics for easy graphics programming and discovery learning;
- allows for immediate debugging of a program-in-progress, which reduces programming frustration;
- displays color text on color background;
- displays double-sized characters for emphasis;

Also announced are two support products in Apple's PILOT family, Co-PILOT and SuperPILOT Log. Co-PILOT is a completely self-contained, self-paced interactive tutorial on two diskettes which teaches how to program in Apple PILOT. SuperPILOT Log works with SuperPILOT as an administrative record keeping program that automatically tracks test scores by item, student, or class, and can also analyze non-computer test scores entered manually.

Price and Distribution

SuperPILOT (product #A2D0051) will be available mid-July from authorized Apple dealers. Included in the SuperPILOT package is the diskette tutorial Co-SuperPILOT. The program requires an Apple II or Apple II Plus personal computer with 64K of RAM (such as a 48K Apple II Plus with a language card). The suggested retail price is \$200.

A price reduction has been announced for Apple PILOT (product #A2D0028). It is now \$100, a 33% reduction.

Co-PILOT (product #A2D0050) is priced at \$35, and SuperPILOT Log (product #A2D0052) has a suggested retail price of \$50.

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NEW SOFTWARE FROM INDEPENDENT DEVELOPERS PUBLISHED BY APPLE COMPUTER

Cupertino, Calif., June 7, 1982--Eight new, independently developed software programs for business, education, and the home are being offered by Apple Computer.

Data communications, graphics, graphic drafting, and several educational programs are among the new software offerings.

"Apple's strong commitment to independent software developers has paid off, as evidenced by the quality and user value of these latest programs," said Ida Cole, manager of application software. "We will continue to supply independent developers with technical and publishing support."

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Independently developed software programs are selected for publication by Apple's Software Evaluation Group. The new selections comply with Apple's requirements for user-friendly, quality programs.

Product Descriptions

Three business applications programs provide managers, drafters, graphics programmers, and architects with tools to expand productivity and increase efficiency.

* Comm-Pac is a data communications program that enables an Apple II to communicate with other computers, timesharing systems, networks, newswires, and other subscription services. Its special features, such as auto-dial, auto-log on, and file transfer, make it easy, efficient, and economical to use. (#C2B0013, \$85)

* Paralax is a collection of graphics utilities which lets the user develop and manipulate high-resolution shapes for Applesoft BASIC programs. The Apple II program allows the user to generate a shape, automatically copy it, change its scale, merge it with other shapes, rotate and animate it. (#C2S0005, \$85)

* Designer's Toolkit is a program for the Apple II that computerizes the drafting table. Emulating pen, pencil, and brush on paper, Designer's Toolkit and the Apple Graphics Tablet let the user generate graphics for mapping, architecture, and drafting. The Designer's Toolkit offers color selection, image size modification capabilities, and print fonts, features that make it a highly versatile program for the professional designer. (#C2S0004, \$225)

These educational programs for the Apple II computer can be used in both the home and school.

* Magic Spells is a learning game that transforms the memorization of spelling lists into an adventure complete with castles, treasures, demons, and a sage wizard. Colorful graphics, music, and large text combine with the game format to hold the player's interest while sharpening spelling skills. It is recommended for children at all reading levels. (#C2E0012, \$45)

* Math Strategy and Spelling Strategy are two innovative programs that teach youngsters how to use the mind's eye to sharpen math and spelling skills. Incorporating the latest developments in Neuro-Linguistic Programming (NLP), the self-paced programs utilize interplay between eye movement and memory. The two programs are ordered and sold separately. (Math Strategy, #C2E0010, \$45; Spelling Strategy, #C2E0009, \$45)

* Moptown is a collection of entertaining and interesting logic games for children aged four and up. Self-paced learning of reasoning skills is reinforced through the use of sound and colorful "Moppet" characters. Opportunities to improve skills are unlimited as the program generates new problems to solve with each new game. (#C2E0011, \$50)

* Speed Reader is a complete reading development course designed to double and even triple reading speed while increasing comprehension. The program's exercises correct sluggish eye movements and sharpen peripheral vision. Measures of reading speed and quizzes after each lesson provide the user with progress reports on both speed and comprehension. (#C2E0012, \$70)

Ordering and Distribution

These and other independently developed software programs published by Apple are listed in the 1982 Special Delivery Software (SDS) Catalog. All prices listed above are suggested retail prices. The programs and a free SDS catalog are available from authorized Apple dealers.

To submit programs for evaluation by Apple, write to: Software Evaluation, 20525 Mariani Ave., Cupertino, CA., 95014.

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APPLE COMPUTER ANNOUNCES AN RGB COLOR MONITOR

CUPERTINO, Calif.--July 9, 1984--Apple Computer today introduced the AppleColor Monitor 100, a 12" RGB monitor that works with Apple IIe, Apple III and Apple III Plus personal computers to produce high-quality color display of both text and graphics.

The new monitor, which will be available in early August, is for small business professionals and office workers who require 80-column text display for data processing, color display for business graphics applications, and the capability to intermix the two. It also is suited to schools and homes where Apple computers are used for both word processing and color graphics-oriented applications, such as Apple Logo, animated educational software and games.

The AppleColor Monitor 100 features a screen tilting mechanism that allows users to adjust the viewing angle to their preference and an anti-reflective screen surface that reduces glare. In addition, a "green only" monochrome switch lets users who are doing extensive data processing temporarily turn off the monitor's color capability. The new monitor stylistically complements the Apple IIe, Apple III and Apple III Plus personal computers, and works with any Apple II or III-compatible software.

Apple's new Extended 80-Column Text/AppleColor Card, which plugs into the Apple IIe's built-in auxiliary expansion slot, is required to connect the monitor to the computer. In addition to providing RGB color output capability, the card supports 80-column text display and adds 64 kilobytes (64K) of internal memory that expands the IIe's total internal memory to 128K.

In addition, a number of companies offer RGB interface cards that permit Apple II and II Plus owners to use Apple's new monitor.

The monitor plugs directly into the built-in color video port of either the Apple III or III Plus, which both feature built-in RGB color output capability.

A low-cost RGB color adaptor that will allow the AppleColor Monitor 100 to be used with the Apple IIc will be introduced by Apple later this year. This adaptor will plug into the extended video port on the IIc's back panel, and will provide RGB color output capability. A IIc color adaptor is available now from a third party that lets IIc owners use Apple's RGB monitor.

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The AppleColor Monitor 100 carries a U.S. suggested retail price of \$599. The Extended 80-Column Text/AppleColor Card sells in the U.S. for \$299. Both products will be available in early August from U.S. and Canadian authorized Apple dealers, as well as Apple national account and education representatives.

The new monitor is covered by Apple's standard 90-day warranty. Apple's extended service plan, AppleCare, is available for coverage beyond the first 90 days.



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APPLE COMPUTER INTRODUCES A NEW VERSION OF APPLE WRITER II

CUPERTINO, Calif.--July 9, 1984--Apple Computer today announced an enhanced version of its popular Apple Writer II word processing software. It will be available August 1 for Apple IIe and Apple IIc personal computer users.

New features incorporated in Apple Writer II, Version 2.0 include:

- horizontal scrolling;
- text display that lets users see the page and line count without having to print the document;
- a built-in terminal mode that allows users to access information services, such as CompuServe, Dow Jones and The Source, from within Apple Writer; and
- a utility that enables users who do not have a ProDOS user's diskette to format a blank disk for use with the new Apple Writer II.

The new Apple Writer II can work with Apple's ProFile hard disk and Quark Inc.'s Catalyst IIe, and is based on Apple's high performance ProDOS operating system. Catalyst IIe is a program selector that allows all Apple IIe programs, including those that are copy-protected, to be stored on a hard disk. Its program-selection capability lets users move from application to application without having to restart the computer each time a program is switched. The new Apple Writer II includes a built-in Catalyst IIe file for easy installation of the program on to the ProFile.

In addition, Apple is offering an upgrade program that allows owners of the previous version of Apple Writer IIe to obtain the new software at a discount.

The product includes a training disk that leads new users step by step through the program.

Introduced in 1979, Apple Writer II is a text processing program that provides the capability to create, edit, store and print all types of documents. In addition to standard word processing commands such as insert, delete, move, load and save text, Apple Writer II includes a mail merge option for automatically creating personalized form letters from an address list and a single form letter, and a built-in word processing language for creating customized word processing applications.

Data files created with previous DOS 3.3-based versions of Apple Writer can be converted to the ProDOS format using a conversion utility on the ProDOS user's disk. Once they are

converted, these DOS 3.3 data files will be compatible with the new Apple Writer II and data files created with it.

Price, Availability and Upgrade Program

Apple Writer II, Version 2.0 sells in the U.S. for \$149, and will be available August 1 from all authorized Apple dealers worldwide.

From August 1 until February 1, 1985, existing Apple Writer IIe users can upgrade their software to Version 2.0 by sending their master disk, manual cover and \$50 to:

Apple Computer, Inc.
Apple Writer II Upgrade
P. O. Box 306
Half Moon Bay, CA 94019



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APPLE COMPUTER ANNOUNCES APPLE III Z80^T BOARD FOR CP/M^T CAPABILITY

Cupertino, Calif., June 7, 1982—The Apple III personal computer will now run CP/M-based application programs with the introduction of the Apple SoftCard[™] III System.

With the Apple SoftCard III System, CP/M-based application programs join the Apple III's expanding library of software, which is based on the powerful Apple III Sophisticated Operating System (SOS).

The Apple SoftCard III System was developed by Microsoft Corporation and is being distributed exclusively by Apple Computer. Microsoft also developed the SoftCard system for the Apple II and Apple II Plus computers.

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"The Apple SoftCard III System augments SOS to bring dual-processor capabilities to Apple users," states David Escoffery, Apple III product marketing manager. "The range and variety of programs compatible with these two operating systems makes the Apple III an enormously flexible computer for business, science, industry, and education."

A major feature of the system is that it supports the Apple 5-megabyte mass storage system, ProFiletm. Both SOS and CP/M files can be stored on ProFile.

The easy configurability of the Apple III makes it simple to add the Apple SoftCard III System. No hardware or software modifications of any kind are required to install the system circuit board, which plugs into any of the Apple III's peripheral card slots. Operation of the Apple III is not affected when not in the Z80 mode.

The Apple SoftCard III System includes a plug-in Z80 microprocessor card, CP/M software, and four manuals which describe card installation and use of the software. The system also provides Microsofttm BASIC.

The system requires a 128K Apple III personal computer with a suitable video display device. Optional peripheral devices include a compatible printer, external Apple Disk III drives or ProFile hard-disk drive.

The Apple SoftCard III System will be available from authorized Apple dealers in July. The suggested retail price in the United States is \$450.

Apple Computer, Inc., with headquarters in Cupertino, Calif., designs and manufactures personal computers, peripheral products and application software. Its Apple II and Apple III computers are widely used in business, professional, scientific, and educational applications.

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PRINTERS ANNOUNCED BY APPLE COMPUTER'S ACCESSORY PRODUCTS DIVISION

Cupertino, Calif., June 7, 1982—Apple Computer's Accessory Products Division will offer two new printers as part of the company's plan to provide dealers and customers with fully supported systems and complete microcomputing solutions.

The Apple dot-matrix printer and the Apple letter-quality printer have been designed to fully utilize features of the Apple II and the Apple III personal computers.

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"The printers are characteristic of the Accessory Products Division's charter to provide compatible and integrated accessories to dealers and users," said Mike Muller, vice-president and general manager of the new division.

"In addition, the availability of a full line of Apple-branded accessory products ensures that Apple users receive the same level of support for all system components."

The Apple dot-matrix printer is the first such Apple-branded printer. Its high-resolution graphics output (7 X 9 dot matrix) and bi-directional speed of 120 characters per second (cps) make it a fast, high-contrast printer for graphics and correspondence-quality applications. The Apple dot-matrix printer permits multiple fonts on a single line, and uses either roll or tractor feed paper.

The Apple letter-quality printer is a 40 cps daisywheel printer with graphics capability. It bi-directionally prints on individual sheets or continuous forms. Multiple fonts are selected by changing daisywheels.

Both printers will be available from U.S. authorized Apple dealers in September. International introduction is scheduled for November.

The Accessory Products Division, formed in May, plans a full line of products, including printers, monitors, and modems, which will complete Apple systems with Apple-branded products. All products will be totally supported by Apple Computer, and all will be designed to ensure compatibility among Apple components.

The Accessory Products Division, with headquarters in Garden Grove, Calif., was formerly The Keyboard Company, a wholly-owned subsidiary of Apple Computer.