Compatible Product Catalog



A listing of tested MS-DOS and CP/M-86 software programs and hardware currently available for the Eagle PC and Eagle 1600 series.



COMPATIBLE PRODUCT CATALOG

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The Eagle Compatible Product Catalog provides information on hardware and software products developed for the IBM PC which can be used on Eagle 1600 and PC computers. The products described in this catalog have been tested either by Eagle software support personnel, or by the software or hardware manufacturer on Eagle computers, and have been found to operate as specified. Be sure to check the product system requirements and operational considerations before purchasing any product.

Products which require certain operational considerations when used on Eagle computers are referenced to an Appendix at the back of this catalog describing those considerations.

HOW TO USE THIS CATALOG

The catalog is divided into the following categories: Accounting & Inventory, Communications, Data Management, Finance/Spreadsheet, Games, General Business, Languages, Miscellaneous, Operating Systems, Vertical Markets, Word Processing, and Hardware. The products are listed alphabetically under each category.

This catalog is the result Eagle Computer's ongoing compatibility testing program, and will be updated on a regular basis.

Accounts Payable

CYMA Corp. 2160 E. Brown Rd. Mesa, AZ 85203 (602) 835-8880

This package has the following features available:

- * Stand alone or integrated system.
- * Cash basis or accural accounting.
- * User-defined alphanumeric numbers.
- * Date sensitivity throughout the system.
- * Current period discount and penalty report.
- * Open item vendor files.
- * Up to 26 user-definable finance terms.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

Accounts Receivable

CYMA Corp. 2160 E. Brown Rd. Mesa, AZ 85203 (602) 835-8880

This package includes user-definable alphanumeric customer numbers, balance forward and/or open item accounting, contract receivables with payment book, current period analysis by offset accounts, user-definable finance terms and credit limits.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

General Ledger

CYMA Corp. 2160 E. Brown Rd. Mesa, AZ 85203 (602) 835-8880

This package contains user-defined account numbers and titles by an 8-digit account. The program also has the ability to create and store your own financial statement formats with up to 14 user-defined formats. An ongoing display of the document, batch, journal and ledger entries can be made. Job costing with budget variance and graphing of accounts in groups is also possible.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

The Home Accountant Plus 1.40 Continental Software Co. 11223 So. Hindry Ave. Los Angeles, CA 90045 (213) 417-8031

Listed below are a few of the **Home Accountant Plus**'s outstanding features:

- * Custom search and retrieval of transaction information
- * Fast bank reconciliation
- Unlimited annual transactions, fiscal or calender year

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, 1620.

OPERATION CONSIDERATIONS: Appendix A, Appendix C

NOTE

Be sure your systems are upgraded as necessary to meet the hardware requirements.

Payroll

CYMA Corp. 2160 E. Brown Rd. Mesa, AZ 85203 (602) 835-8880

The Payroll package offers the following features:

- * Stand alone or integrated system.
- * User-defined employee number.
- * Multi-state tax calculations.
- * User-defined deductions.
- * Labor distribution capabilities.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None

NOTE

Small Business System

CYMA Corp. 2160 E. Brown Rd. Mesa, AZ 85203 (602) 835-8880

This package offers user-defined variable aging, and complete detail of invoices including date, document number, and transaction number within the system. Other features include:

- * 1-to-8 digit account number
- Complete audit trails
- * Total subsidiary integration
- * Budgeting by accounts and subaccounts

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

The Software Fitness Program

Open Systems 430 Oak Grove, Suite 400 Minneapolis, MN 55403 (612) 870-3515

The Software Fitness Program is a set of multi-user, fully interactive accounting applications which include:

- * Accounts Receivable.
- * Billing and Sales Analysis.
- * Accounts Payable.
- * General Ledger.
- * Inventory.
- * Payroll.
- * Sales Order Entry
- * Job Costs System
- * Team Manager.

SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives.
Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

TCS Client Ledger System 3.0

TCS Software Inc. 3209 Fondren Rd. Houston, TX 77063

The Client Ledger System is a powerful multi-company general ledger system designed for public accounting firms and other who provide sophisticated accounting services for small businesses. The Client Ledger System may be used as a stand-alone or part of the Total Accounting System. Main features include:

- Fully integrated passive payroll
- * Multi-ledger consolidation
- * 941, W-2, and 1099 capabilities
- Over 50 financial reports

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives. Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: Appendix B, Appendix C

NOTE

TCS Total Accounting System 2.3

TCS Software Inc. 3209 Fondren Rd. Houston, TX 77063

The TCS Total Accounting System consists of the following stand-alone or interactive modules:

- * Total Ledger
- * Total Receivables
- * Total Payables
- * Total Payroll
- * Total Inventory
- * Total Utilities
- * Simple

The main feature is the built-in data base manager enabling the user to define his own additional reports with Simple.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: Appendix B.

NOTE

TCS Total Materials

TCS Software Inc. 3209 Fondren Rd. Houston, TX 77063

TCS **Total Materials** is a comprehensive materials/parts explosion and tracking program for manufacturers and OEM assemblers. Total Materials works together with TCS **Total Inventory** to provide a complete inventory system with all the flexibility of a built-in data base manager.

Main features include:

- Material requirements planning
- Bill of materials with assemblies/subassemblies
- * New product development
- Production scheduling/cost analysis

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Hard disk.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: Appendix B.

NOTE

ASCOM 2.2

Dynamic Microprocessor Associates, Inc. 545 Fifth Av. Rm 602 New York, NY 10017 (212) 687-7115

Functions and features include:

- * Receive and transmit data files.
- * Batched command processing.
- * Simultaneous print operation.
- * Receive timeout.
- * Software parity check.
- * Various communication protocols.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K

Disk Drives: One floppy disk drive.

Operating Systems: Eagle MS-DOS 1.25

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL.

OPERATION CONSIDERATIONS: None

NOTE

Crosstalk 3.0 Microstuf, Inc. 1900 Leland Drive #12 Marietta, GA 30067 (404) 952-0267

Communications software that allows DOS-based microcomputers to access data stored on almost any ASCII dial-up computer system regardless of disk format incompatibilities. Designed for micro users who need access to large time-sharing systems, who subscribe to information utilities such as **The Source** or **Compuserve**, or who need to exchange data or program files among networked micro users. **Crosstalk** allows the Eagle to emulate a "very smart" terminal by automatically dialing a system, establishing access through passwords, and loan in data at full modem speed for off-line editing.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL.

OPERATION CONSIDERATIONS: Appendix B.

NOTE

Relay 1.2

VVMO Personal Computing 60 East 42nd St. New York, NY 10165 (212) 697-4747

Relay enables your computer to communicate more effectivly. It has the ability to tranfer information in any format and to print and edit files all at the same time. Relay also offers high speed and advanced error checking and correction.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K

Disk Drives: One floppy disk drive

Operating System: Eagle MS-DOS 1.25

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL.

OPERATIONAL CONSIDERATIONS: None

NOTE

dBASE II 2.3D & 2.4

Ashton-Tate 10150 W. Jefferson Blvd. Culver City, CA 90230 (213) 204-5570

A relational data management tool to help experienced and novice users construct and manipulate numeric and character information files. This English-like program building language allows for sort, edit, or display menus and programs to support specific applications including General Ledger, Accounts Receivable, Accounts Payable, salestax record, Payroll, mailing labels, and Inventory Control. Full-screen editing includes Zip, a screen formatting generating program. A 350-page manual, demo disk, and full system disk are also included. After-sales support is provided by user groups and dealers.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None

NOTE

Data Base Manager II-The Integrator

Alpha Software Corp. 12 New England Executive Park Burlington, MA 01803 (617) 229-2924

This program is designed to help the user keep track of information and keep that information up-to-date and accurate. The program will save up to ten custom-designed reports per database. Data Base Manager II includes such advanced features as phonetic search, form letter generation, file merging, file joining capability and a built-in calendar.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 192K.

Disk Drives: Two floppy disk drives.
Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: Appendix B.

NOTE

Office Filer 1.0
Digital Marketing Corp.
2670 Cherry Lane
Walnut Creek, CA 94596
(415) 938-2880

A simple, yet powerful electronic filing system, this data management program can be used to create file, form, or report formats upon its screen. Office Filer consists of two programs, a "daily operations module" and a "maintenance module." The "daily operations module" provides the user with basic day-to-day functions such as creating, changing, and erasing individual records while the "maintenance module" allows the user to create, change and erase forms or reports.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: None

NOTE

The Optimum Document Tracking System

Logan & Davies P.O. Box 28119 Lakewood, CO 80228 (303) 758-6760

The purpose of this data management system is to allow tracking of magazine and newspaper articles by author, date, title and volume.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630,

1640

OPERATION CONSIDERATIONS: None.

NOTE

Personal Pearl 1.60

Realtional Systems International P.O. Box 13850 Salem, OR 97309 (503) 370-8653

Personal Pearl is a menu-driven relational database. It allows the user to design custom screen displays that are used for collection, filing, updating and analysis of information. In addition to allowing you to design your own systems, the program comes with a starter library consisting of an Appointment Calendar system, a People Information system, and a Cash Disbursement Journal.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives. Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, 1620

OPERATION CONSIDERATIONS: None.

NOTE

pfs: file

Software Publishing Corp. 1901 Landings Drives Mt. View, CA 94043 (415) 962-8910

This an easy-to-use information management software package works like a paper filing system, without the paper. The user can record, retrieve and review information in a fraction of the time of a conventional filing system. file is designed to work with all kinds of information in a wide variety of applications.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives. Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL.

OPERATION CONSIDERATIONS: Appendix A, Appendix B.

NOTE

pfs: report

Software Publishing Corp. 1901 Landings Drive Mt. View, CA 94043 (415) 962-8910

An easy-to-use software package that enables the user to produce reports in the form of tables from files created by **pfs:file.** It's versatiltiy makes it useful for all kinds of information and applications.

report produces a tabular report consisting of multiple columns, each of which corresponds to an item from the form of your file data file. report can sort the information alphabetically or numerically and can perform calculations on numeric information.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives. Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL.

OPERATION CONSIDERATIONS: Appendix A, Appendix B.

NOTE

T.I.M. III 3.22

Innovative Software Inc. 9300 W. 110th St. #380 Overland Park, KS 66210 (913) 383-1089

A data base manager that provides new features such as global search relational capabilities, a replace option and a word processing interface with Wordstar/Mailmerge and Easywriter II word processing systems.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives. Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: Appendix B.

NOTE

CalcStar 1.4

Micro Pro International Corp. 33 San Pablo Ave. San Rafael, CA 94903 (415) 499-1200

This spreadsheet package has the ability to enter numeric and/or alphabetic information into the cells of the worksheet so that the user can identify rows and columns of data in a way that makes sense. It will perform arithmatic functions such as summing rows or columns and put the results into specified cells. The program also prints out formatted results of calculations to the printer.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 192K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-XL, 1620, 1630 1640

OPERATION CONSIDERATIONS: Appendix A.

NOTE

EagleCalc (Ultracalc) 2.0

Eagle Computer 983 University Ave. Los Gatos, CA 95030 (408) 395-5005

EagleCalc is an electronic spreadsheet for working with tabular data consisting of 255 rows and 64 columns. It quickly updates data during entry and recalculation. User friendly features include prompts and error messages. EagleCalc's algebraic expression analyzer supports 11 operators and 22 functions.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

FPL The Financial Planner 2.20

Ashton-Tate 10150 West Jefferson Blvd. Culver City, CA 90230 (213) 204-5570

Not a Calc. program... This package is a tool for sophisticated users for financial applications. It is set up in rows and columns, in terms a financial analyst is already familiar.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: Appendix B.

NOTE

Lotus 1-2-3 1.0 Lotus Development Corp. 55 Wheeler St. Cambridge, MA 02138 (617) 492-7171

Lotus 1-2-3 combines all the tools needed to make effective business solutions into an-easy-to-learn software package. With Lotus 1-2-3, information management, spreadsheet analysis and graphing capabilities work together to help make fast business decisions. The program allows the user to accumulate data on a variety of topics, then extract it instantly for spreadsheet analysis. At that point, just a few keystrokes will change the worksheet into graph form.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives. Operating System: IBM PC-DOS 1.1

Graph Option: Medium Resolution Color Monitor and

Medium Resolution Color Board.

COMPATIBILITY: PC-E, PC-1, PC-2.

OPERATION CONSIDERATIONS: Appendix A, Appendix B.

NOTE

Multiplan 1.06

Microsoft 10700 Northup Way Bellevue, WA 98004 (206) 828-8080

Multiplan is an advanced electronic worksheet which includes powerful formatting, alignment and printing options to enable the user to print out elegant finished reports. The program links different worksheets and shares information between them. User prompts and English commands make the program easy-to-learn, and a special on-line reference guide provides help at anytime.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: Appendix A.

NOTE

SuperCalc2 1.0

Sorcim 2310 Lundy Ave. San Jose, CA 95131 (408) 942-1727

An electronic spreadsheet designed for business people with no programming background. By changing one variable, business assumptions and long-range forecasts can be generated. Users with color monitors may display negative values in red and formulas in yellow. Users with 256K can fill all 16,000 cells of the worksheet with 5-digit numbers-enough space to allow 10-year projections by month.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None

NOTE

VisiCalc 1.10 VisiCorp 2895 Zanker Rd. San Jose, CA 95134 (408) 946-9000

A multipurpose forecasting and planning software package for accountants, analysts, and business planners. Users create and manipulate an electronic worksheet of up to 63 columns and 254 rows. All values or formulas in this grid may be modified and VisiCalc automatically recalculates the entire worksheet using the new values. The worksheet's intersecting columns and rows define up to thousands of entry positions and allow a myriad of different "what if" situations and possible calculations.

SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: One floppy disk drive.

Operating System: IBM DOS 1.1.

COMPATIBILITY: PC-E, PC-1, PC-2, 1620.

OPERATION CONSIDERATIONS: Appendix A, Appendix B.

NOTE

Flight Simulator 1.0

Microsoft 10700 Northup Way Bellevue, WA 98004 (206) 828-8080

Flight Simulator allows the user to experience the excitement of flying a plane. This realistic program is modeled after the flight characteristics of a single-engine Cessna 182. The program features working instruments, panoramic out-the-window views, and real-time flight conditions.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DSO 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL.

OPERATIONAL CONSIDERATIONS: None

NOTE

Market Mogul

Datamost Inc. 9748 Cozycroft Ave. Chatsworth, CA 91311 (213) 709-1202

Market Mogul is a stock market game where the user can learn the in's and out's of Wall Street while having fun at the same time. Increase your enjoyment of Market Mogul with an optional color graphics board.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None

NOTE

Space Strike

Datamost Inc. 9748 Cozycroft Av. Chatsworth, CA 91311 (213) 709-1202

You are the last outpost between Earth and the aliens who beleive the only good human is a dead one. They come at you, battalion after battalion, unleashing bombs and missiles. You have your laser and your skill. Are they enough to save your home planet?

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: One floppy disk drive.

Operating System: IBM DOS 1.1.

Other: Medium resolution color board & color monitor.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL.

OPERATION CONSIDERATIONS: None

NOTE

Bottom Line Strategist 1.0

Ashton-Tate 10150 W. Jefferson Blvd. Culver City, CA 90230 (213) 204-5570

This package gives you an integrated picture of your business future with no complicated programs or formulas. The user can run pre-written, sophisticated models to develop financial and marketing strategies for products or services. Simple, direct input of basic assumptions is all **Strategist** needs to track and analyze an intricate business scenario.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

General Business System

CYMA Corp. 2160 E. Brown Rd. Mesa, AZ 85203 (602) 835-8880

The General Business System contains the following applications:

- * General Ledger.
- * Payroll.
- * Accounts Payable.
- * Accounts Receivable.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: None.

NOTE

Milestone 1.09
Digital Marketing Corp.
2670 Cherry Lane
Walnut Creek, CA 94596
(415) 938-2880

A software package that performs critical path analysis for project management and time scheduling information. Large projects are broken down into smaller units and analyzed in terms of duration, capital cost, manpower requirements, and other criteria.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive. Operating System: Eagle CPM-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL.

OPERATION CONSIDERATIONS: Appendix B.

NOTE

The Optimum Label Package

Logan & Davies P.O. Box 28119 Lakewood, CO 80228 (303) 758-6760

This package will sort or extract data on five levels: name, address, company, zip code and state. It has the ability to go into Spellbinder to take advantage of the **Optimum Label Package's** ability to mailmerge.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: None.

NOTE

The Optimum Sales Tracking Package

Logan & Davies P.O. Box 28119 Lakewood, CO 80228 (303) 758-6760

This package is designed to aid in sales tracking and potential sales leads. The package contains a sort program which sorts by company, city, agency, date of next action and product. The program will also sort by salesperson, product, industry type, competition and interest level of prospect. It will list date and comments of prospects. A tickler report is created for each action item in full or mini form.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: None.

NOTE

The Optimum Search System Package

Logan & Davies P.O. Box 28119 Lakewood, CO 80228 (303) 758-6760

This powerful employee search package will keep files on candidates by company and job order. It has the ability to find potential candidates from a large data base which in turn matches descriptions of jobs and will report salary averages and a complete resume on each candidate.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: None.

NOTE

Personal Calendar 1.1

Peachtree Software Inc. 3445 Peachtree Rd. NE, 8th Floor Atlanta, GA 30326 (404) 239-3000

Peachtree Software's **Personal Calendar** is an effective, convenient scheduling tool to keep track of schedules, and to manage the time of conference rooms, machines, or other facilities. Because it can accomodate as many as 98 people and/or facilities, this package is ideally suited for the needs of a group of busy professionals or executives. Potential users range from medical or law practices to corporate departments and small businesses.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives. Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, 1620

OPERATION CONSIDERATIONS: Appendix A.

NOTE

C Compiler

Lattice, Inc. P.O. Box 648 Hoffman Estates, IL 60195 (212)860-3000

Full implementation of the C language.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: None.

NOTE

C-Food Smorgasbord

Lattice Inc. P.O. Box 648 Hoffman Estates, IL 60195 (212) 860-3000

Tool kit for C-programmers with BCD decimal arithmetic.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives.
Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: None.

NOTE

GW BASIC 1.0

Eagle Computer 983 University Ave. Los Gatos, CA 95030 (408) 395-5005

GW BASIC by MicroSoft combines all of the features of MS BASIC, plus compatibility with IBM PC BASIC. In addition, it has capabilities for support of both monochrome and color graphics, music, and a full screen editor.

GW BASIC provides instruction set compatibility of both IBM PC ROM based BASIC, and the disk based BASIC. IBM PC BASIC is a combination of both a ROM based program, and a disk based program.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None

NOTE

Autodex 1.1

Robex 1035 Santa Barbara Santa Barbara, CA 93101 (805) 963-4861

Autodex is a general utility that simplifies and enhances your operating system by displaying comprehensive information about diskettes and their files. The program provides a concise set of one touch commands for both individual file actions and overall diskette actions. If desired, Autodex can be the focal point for all your computing by executing other programs and automatically returning to Autodex upon exit.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives. Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: Appendix A.

NOTE

CP+ 2.0

Taurus Software Corp. 3685 Mt. Diablo Blvd. Suite 251 Lafayette, CA 94549 (415) 283-7222

CP+ is a collection of programs that are used every day to control a computer. It gives the user a "control panel" that displays status messages, information instructions on what to do next, and a series of multiple-choice function selections.

SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.
Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: None.

NOTE

Smartkey

Heritage Software Inc. 2130 So. Vermont Ave. Los Angeles, CA 90007 (213) 737-7252

SmartKey is a utility program that provides intelligent keyboard facilities. The logical layout of the keyboard can be changed to suit the user's convenience. Once SmartKey is installed, it is transparent to the user, allowing full use of the operating system and application programs.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620,

1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

CPM-86 1.1B

Eagle Computer Inc. 983 University Ave. Los Gatos, CA 95030 (408) 395-5005

CPM-86, by Digital Research, is a general purpose disk operating system with a file system compatible with CPM-80, the industry standard. The complete set of utility programs include Editor, Assembler and Debugger.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: One floppy disk drive.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

Be sure your systems are upgraded as necessary to meet the hardware requirements.

DOS 1.1 IBM Personal Computer Sales & Service P.O. Box 1328-W Boca Raton, FL 33432

This is IBM's version of the MS-DOS oerating system. **DOS 1.1** includes numerous internal and external commands that allow you to create and manage files, run programs and use the system devices.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: One floppy disk drive.

COMPATIBILITY: PC-E, PC-1, PC-2, 1620.

OPERATION CONSIDERATIONS: None.

NOTE

Be sure your systems are upgraded as necessary to meet the hardware requirements.

MS-DOS 1.25

Eagle Computer Inc. 983 University Ave. Los Gatos, CA 95030 (408) 395-5005

MS-DOS, by Microsoft, is the industry standard operating system for 16 bit microcomputers. It provides a simple but powerful interface between you and the computer systems resources. It allows transportability of 8 bit machine language software as reasonably possible and handles the dependent imput/output to different devices by assigning a reserved filename to each device. When a file is modified, MS-DOS will also record the time and date automatically.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: One floppy disk drive.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

NOTE

Be sure your systems are upgraded as necessary to meet the hardware requirements.

QNX (Multi-user)

Quantum Software Systems 7219 Shea Court San Jose, CA 95139 (408) 629-9402

QNX is a Multi-Tasking, Multi-User, Real-Time Message-Passing operating system. QNX implements, extends and optimizes the most important features of UNIX for personal computers. Standard features of QNX include: hierarchical file structure, secure file access, communications, command language and device support.

The following packages are available from Quantum Systems to run under QNX:

QDOS, QSPELL, QMENU, BTREE, BASIC, FORTRAN.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 512K.

Disk Drives: N/A.

Operating System: N/A.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640

OPERATION CONSIDERATIONS: N/A.

NOTE

Be sure your PC-E and PC-1 systems are upgraded as necessary to meet the hardware requirements.

Churches

ADS Business Software 707 Fifth St., NE Roanoke, VA 24016 (703) 344-6818

This package is designed especially for the novice computer user to manage membership and contribution aspects of church management as well as financial reporting.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630,

1640.

OPERATION CONSIDERATIONS: None.

NOTE

Client Accounting

CYMA Corp. 2160 E. Brown Rd. Mesa, AZ 85203 (602) 835-8880

Client Accounting allows the user the ability to separate and control data by client. Such features as After the Fact Payroll, Loan Amortization and Ratio Analysis are powerful additions to the package.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630,

1640.

OPERATION CONSIDERATIONS: None.

NOTE

Construction Management

CYMA Corp. 2160 E. Brown Rd. Mesa, AZ 85203 (602) 835-8880

Construction Management performs all of the standard business applications and manages a construction business with the same computer program. The package contains the following applications: General Ledger, Job Cost Accounting, Accounts Payable, Payroll, and Accounts Receivable.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630,

1640

OPERATION CONSIDERATIONS: None.

NOTE

Dental and Orthodontic Practice Management

CYMA Corp.

2160 E. Brown Rd.

Mesa, AZ 85203

(602) 835-8880

The Orthodontic Practice Management features contract receivables with a system-printed payment book for spread-out payments. The package allows the user to enter contract amounts, the date of the first payment and interest rates, and the system does the rest. Future appointments can be entered at the time of billing. The printout for the insurance is designed to fit the ADA Insurance form.

SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: PC-E, PC-1, PC-2, PC-XL, 1620 1630,

1640.

OPERATION CONSIDERATIONS: None.

NOTE

Medical and Chiropractic Practice Management

CYMA Corp.

2160 E. Brown Rd. Mesa, AZ 85203

(602) 835-8880

This package is designed to provide the information necessary for efficient medical management system. The package contains 30 character fields allowing description of patient care for insurance forms. The printout is designed to fit the AMA Health Insurance Claim forms. The user can enter the location of where the services were rendered (i.e. Office, Emergency Room, etc..).

SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630,

1640.

OPERATION CONSIDERATIONS: None.

NOTE

The Optimum Campaign Tracking-System

P.O. Box 28119 Lakewood, CO 80228 (303) 758-6760

This package is designed to give up to-the- minute reporting on contributor amounts and patterns. It has the ability to sort and extract information by contact person, committee status, city, donor level, solicitation method, first contact and corresponding date. Also included is the menu-driven **Optimum Label Package**, which gives flexibility of label format - sorting and extracting data before printing or sending it to word processing for mail merging.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630,

1640.

OPERATION CONSIDERATIONS: None.

NOTE

Private Membership Club

ADS Business Software 707 Fifth St. N. E. Roanoke, VA. 24016 (703) 344-8618

This package is designed especially for private country clubs, tennis clubs, health clubs, swim clubs, etc. whose principle source of revenue is based on membership dues, various miscellaneous charges, and ancillary services.

The package offers Accounts Receivable, General Ledger, and Financial Statements specifically for private membership clubs.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

OPERATION CONSIDERATIONS: None.

NOTE

Real Estate Strategy 1.0

Real Estate Computer Center Inc. 1777 Saratoga Avenue, Suite 114 San Jose, CA 95129 (408) 257-4411

This program is composed of two main modules accessed by a Main Menu. The first is "Apartment Building Analysis" and the second is "Real Estate Offer Analysis". Apartment Building Analysis is designed to analyze appartment buildings and other commercial buildings. Real Estate Offer Analysis is composed of four sub-modules accessed by its own OFFER MENU to determine a seller's best offer, determine affordable home prices, determine minimum buyer salary, and match a with a home.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630,

1640.

OPERATION CONSIDERATIONS: None.

NOTE

Retail Florists

ADS Business Software 707 Fifth St. N.E. Roanoke, VA 24016 (703) 344-8618

This package is designed especially for the small to medium size florist whose needs involve good control over Accounts Receivable from a basic bookkeeping program. The package includes an Accounts Receivable and a General Ledger/Financial Statement for the retail florist business.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630,

1640.

OPERATION CONSIDERATIONS: None.

NOTE

Small Bookkeeping Services and Public Accountants

ADS Business Software 707 Fifth St. N.E. Roanoke, VA 24016 (703) 344-8618

This package is designed especially for the small to medium size accountant with many small clients whose primary needs involve basic bookkeeping, easy-to-understand financial statements and payroll tax accounting. This package is specifically intended to be an alternative to the very sophisticated CPA packages which are often more than is desired or needed. The package consists of a client write-up and payroll accounting.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630,

1640.

OPERATION CONSIDERATIONS: None.

NOTE

Veterinarians

ADS Business Software 707 Fifth St. N.E. Roanoke, VA 24016 (703) 344-6818

Designed especially for the small to medium size veterinary practice seeking to operate more efficiently and profitably by taking the first step into computerization.

This package contains four specific functions designed for the veterinarian. Accounts Receivable and appointment reminders help organize practice as well as improve cash flow, General Ledger and Financial Statements help in coordination of financial preparation.

MINIMUN SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives.

Operating System: Eagle MS-DOS 1.25 or CP/M-86.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE



EagleWriter (Spellbinder) 5.12

Eagle Computer, Inc 983 University Av. Los Gatos, Ca. 95030 (408) 395-5005

EagleWriter by Lexisoft is a word processing and office management package offering several outstanding features. It offers flexible print format and output capabilities, macro capabilities, and ease of use. EagleWriter interacts with the Eagle computer function keys and help feature. It's so much more than a word processing package, we call it an office management system.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K

Disk Drives: One floppy disk drive.
Operating System: Eagle MS DOS 1.25

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None

NOTE

MailMerge 3.3
Micro Pro International
33 San Pablo Ave.
San Rafael, CA 94903
(415) 499-1200

This WordStar option is a multi-purpose file merging program which helps you produce customized form letters for mass mailings- at a fraction of the time and expense of individually typed letters.

Other applications include assembling documents from boilerplate paragraphs or printing invoices from DataStar files.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None

NOTE

Multimate 3.06

Softword Systems, Inc. 52 Oakland Ave. North East Hartford, CT 06108 (800) 243-4646

This word processing system serves many purposes. Its advanced design includes features such as:

- * Full use of personal computer hardware capabilities.
- * Fast screen response equal to that of large systems.
- * Comprehensive on-line help facility.
- * Minimal training time.
- User friendliness.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 192K.

Disk Drives: Two floppy disk drives.
Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL.

OPERATION CONSIDERATIONS: Appendix A, Appendix B.

NOTE

Select 2.2

Select Information Systems 919 Sir Francis Drake Blvd. Kentfield, CA 94904 (415) 459-4003

This word processing program enables the user to add, delete, move, copy and juggle various types of text. An added feature is Superspell, a fully integrated spelling checker to ensure that misspellings and typographical errors are caught.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives.
Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None

SpellStar 3.3

Micro Pro International 33 San Pablo Ave. San Rafael, CA 94903 (415) 499-1200

This WordStar option is "your proofreader on a disk". It rapidly compares every word in your document against a word list of 20,000 most commonly used English words (based upon the American Heritage Dictionaries published by Houghton Mifflin).

When it reaches a misspelled word or typo, **SpellStar** flags the mistake. You can change it. Leave it as is. Words can be added to the main dictionary or put in a supplemental dictionary.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None

NOTE

SuperWriter 1.0

Sorcim 2310 Lundy Ave. San Jose, CA 95131 (408) 942-1727

SuperWriter is a text processing system with the ability to create, edit and print reports, letters and other documents. This software performs print merge (form letter generation) and includes a spelling checker to proofread for spelling errors. SuperWriter will appear in color if the computer is equipped with a color board and a color monitor.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 64K.

Disk Drives: One floppy disk drive.

Operating System: Eagle MS-DOS 1.25.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL.

OPERATION CONSIDERATIONS: Appendix A, Appendix B.

NOTE

Wordstar 3.3

Micro Pro International 33 San Pablo Ave. San Rafael, CA 94903 (415) 499-1200

A screen-oriented word processing program that allows text entries and revisions to be displayed on the screen during typing as they will appear in print. WordStar has editing features including automatic text justification, automatic paragraph indentation, simultaneous printing and editing and page-break displays. Text can be inserted, deleted, moved, copied, or read from other files.

MINIMUM SYSTEM REQUIREMENTS:

Memory: 128K.

Disk Drives: Two floppy disk drives.

Operating System: MS-DOS.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630,

1640

OPERATION CONSIDERATIONS: None

NOTE

Anrok Expansion Chassis

Anrok Computer Products 2405 DeLa Cruz Blvd. Santa Clara, CA 95050 (408) 727-7622

The Anrok PCX-6 Expansion Chassis adds six expansion slots to the Eagle PC and Eagle 1600. The PCX-6 comes complete with a 50 watt switching power supply, quiet ball bearing cooling fan, interface board and cabling.

MINIMUM SYSTEM REQUIREMENTS: None.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

Baby Blue Board

Microlog 222 Route 59 Sufferin, New York 10901 (914) 357-8086

The **Baby Blue Board** contains a Z80B microprocessor running at 4.77MHz that includes the following features:

- * 64K of onboard, dual-ported, parity RAM
- * Memory fully available to MS-DOS
- * Software for conversion of CP/M-80 programs and data files
- Accepts several popular CP/M 5-1/4 inch softsectored disk formats
- Permits mixing of CP/M and DOS programs,
 with common data files

MINIMUM SYSTEM REQUIREMENTS: None.

COMPATABILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

Da Vong Hard Disk Drive

Davong 217 Humboldt Court Sunnyvale, CA 94086 (408) 734-4900

DaVong offers a wide variety of Winchester hard disk drives, ranging from 5 to 32 megabyte drives. Also available are software utilities.

MINIMUM SYSTEM REQUIREMENTS: None.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL.

OPERATION CONSIDERATIONS: None.

NOTE

Eagle Computer Color Board

Eagle Computer, Inc. 983 University Ave Los Gatos, CA 95030 (408) 395-5005

Capable of operating in color or monochrome, the Eagle Computer Color Adapter Board offers medium resolution of 320 x 200 pixels and the availability of 16 foreground and 8 backround colors in the color mode.

The adapter board is packaged on a single card and fits into one of the systems expansion slots. The adapter is designed to interface with a wide variety of color monitors, TV frequency monitors, and TV sets (user-supplied RF modulator required for TV sets).

MINIMUM SYSTEM REQUIREMENTS: None.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

File 10 & File 40 Hard Disk Storage Units

Eagle Computer, Inc. 983 University Ave. Los Gatos, CA 95030 (408) 395-5005

The Eagle File 10 and File 40 hard disk add-on systems are compact information storage units for expanding your Eagle computer's external memory capacity.

The Eagle File 10 provides a storage capacity of 10 million characters, or approximately 5000 pages of text on the 5-1/4 inch hard disk drive. The Eagle File 40 provides a storage capacity of 32 million characters, or approximately 16,000 pages of text on the 5-1/4 inch hard disk drive. Both systems simply plug into the back of an Eagle computer system

MINIMUM SYSTEM REQUIREMENTS: None.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

Hayes Smartmodem

Hayes Microcomputer Products 5923 Peachtree Industrial Blvd. Norcross, Georgia 30092 (404) 449-8791

The Smartmodem allows your computer to communicate over ordinary telephone lines with computers and terminals anywhere in the United States. The Smartmodem dials, answers, and disconnects calls automatically. It is a direct connect modem that works with rotary dials, touch-tone and key-set systems.

MINIMUM SYSTEM REQUIREMENTS: None.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

IBM Color Adapter

IBM Personal Computer Co. Sales & Service P.O. Box 1328-W Boca Raton, FL 33432

The Color/Graphics Monitor Adapter is designed to attach to a wide variety of TV frequency monitors and TV sets (user-supplied RF modulator required for TV sets). It is capable of operating in black and white or color, and provides three video interfaces: a composite video port, a direct drive port, and connection interface for driving a user-supplied RF modulator.

In black and white mode, the character attributes of reverse video, blinking, and highlighting are available. In color mode, there are 16 foreground colors and 8 backround colors available per character.

MINIMUM SYSTEM REQUIREMENTS: None.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: None.

NOTE

Mouse

Mouse Systems 2336H Walsh Ave. Santa Clara, CA 95051 (408) 988-0211

The Mouse Systems optical **Mouse** is a hand-held pointing and selecting device that works with existing software. It is RS/232 compatible and requires no modification of programs. The **Mouse** is fast, accurate, and easy to program.

MINIMUM SYSTEM REQUIREMENTS: None.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL

OPERATION CONSIDERATIONS: None.

NOTE

Plantronic Color Plus Board

Fredrick Electronics (Plantronics) 7630 Hayward Rd. P.O. Box 502 Fredrick, MD 217011 (800) 638-6211

The **Plantronic Color Plus Board** is a high resolution color graphics adaptor, offering the user 16-color medium resolution (320 x 200 pixels) graphics. It includes an integrated parallel port and the "Draftman", a color plus business graphics package, at no additional charge. This board is fully compatible with all existing PC DOS, MS-DOS and CPM-86 software.

MINIMUM SYSTEM REQUIREMENTS: None.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL, 1620, 1630, 1640.

OPERATION CONSIDERATIONS: Parallel port not supported by Eagle.

NOTE

Tecmar Expansion Chassis

Tecmar Inc. 23600 Mercantile Rd. Cleveland, OH 44122 (216) 464-7410

The PC-Mate **Tecmar Expansion Chassis** is a complete, 'ready-to-run' hardware system that combines eight extra option slots. One expansion adaptor board fits into a slot in the Eagle PC and another expansion adaptor board fits into a slot in the **Expansion Chassis**. Thus, eleven slots remain available for other applications. It includes a heavy duty power supply, and cables, and a quiet fan for cool, efficient operation.

MINIMUM SYSTEM REQUIREMENTS: None.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL.

OPERATION CONSIDERATIONS: None.

NOTE

Tecmar Speech Master

Tecmar Inc. 23600 Mercantile Rd. Cleveland, OH 44122 (216) 464-7410

The **Speech Master** provides voice output capability for the Eagle PC. The **Speech Master Board** is unique in providing two methods for speech production: ROM based vocabulary speech synthesis permits high quality speech but a limited vocabulary (National Semiconductor DT1050/DIGITALKER), and a phoneme synthesizer (Votrax SC-01 Speech Synthesizer) provides an unlimited vocabulary at a slightly rduced speech quality.

The **Speech Master** can be used in such applications as robotics, annunciation, sound effect generation, assistance for the handicapped, and in general business applications where verbal response has proven most effective.

MINIMUM SYSTEM REQUIREMENTS: None.

COMPATIBILITY: PC-E, PC-1, PC-2, PC-XL.

OPERATION CONSIDERATIONS: None.

NOTE

EAGLE KEYBOARD VS. THE IBM KEYBOARD

The Eagle keyboard emulates all 256 possible key codes of the IBM keyboard. In some cases, however, the improvements made by Eagle over the layout of the IBM keys require the Eagle operator to perform an alternate series of keystrokes to emulate a particular key. To facilitate this, given below are charts detailing each unique key function on the IBM and its Eagle equivalent.

CHART 1: UTILITY KEYS

EAGLE	IBM
[RETURN]	[•]
[ESCAPE]	[Esc]
[DELETE]	[Del]
[INSERT]	[Ins]
[ALT]	[Alt]
[CONTROL]	[Ctrl]
[ALPHA LOCK]	[Caps Lock]
[SCRL BREAK]	[Scroll Lock]
[TAB]	[🛨]
[SHIFT] + [*] (see note)	shift + [Prt Sc]

Note: The asterisk key [*] is located directly to the right of the calculator keypad.

CHART 2: FUNCTION KEYS

EAGLE	IBM
[F1]	[F1]
[F2]	[F2]
[F3]	[F3]
[F4]	[F4]
[F5]	[F5]
[F6]	[F6]
[F7]	[F7]
[F8]	[F8]
[F9]	[F9]
[F10]	[F10]
[F11]	Shift $+$ [F1]
[F12]	Shift $+ [F2]$
[F13]	Shift $+$ [F3]
[F14]	Shift $+ [F4]$
[F15]	Shift $+$ [F5]
[F16]	Shift $+$ [F6]
[F17]	Shift $+ [F7]$
[F18]	Shift + [F8]
[F19]	Shift + [F9]
[F20]	Shift + [F10]
[F21]	[Ctrl] + [F1]
[F22]	[Ctrl] + [F2]
[F23]	[Ctrl] + [F3]
[F24]	[Ctrl] + [F4]

CHART 2: FUNCTION KEYS (CONT'D)

[CONTROL] + [F5]	[Ctrl] + [F5]
[CONTROL] + [F6]	[Ctrl] + [F6]
[CONTROL] + [F7]	[Ctrl] + [F7]
[CONTROL] + [F8]	[Ctrl] + [F8]
[CONTROL] + [F9]	[Ctrl] + [F9]
[CONTROL] + [F10]	[Ctrl] + [F10]
[ALT] + [F1]	[Alt] + [F1]
[ALT] + [F2]	[Alt] + [F2]
[ALT] + [F3]	[Alt] + [F3]
[ALT] + [F4]	[Alt] + [F4]
[ALT] + [F5]	[Alt] + [F5]
[ALT] + [F6]	[Alt] + [F6]
[ALT] + [F7]	[Alt] + [F7]
[ALT] + [F8]	[Alt] + [F8]
[ALT] + [F9]	[Alt] + [F9]
[ALT] + [F10]	[Alt] + [F10]

The keypad on the IBM keyboard functions both as a standard calculator keypad and as a means of moving the cursor around the screen. The keypad is switched from one function to the other with the [NUM LOCK] key.

The keypad on the Eagle can be made to function in exactly the same fashion by pressing the Eagle equivalent of [NUM LOCK], which is [CONTROL] + [ALT] + [N], pressed simultaneously. When acting as a calculator, the keypad enters the numbers on the key caps. When performing the cursor movement function, it performs as shown in Chart 3.

CHART 3: CURSOR MOVEMENT KEYS

EAGLE	IBM
[CONTROL] + [ALT] + [N]	[Num Lock]
[1] [2] [3] [4] [6] [7] [8]	[End] [
[9]	[Pg Up]

Shown in Chart 4 are a series of special Eagle movement keys not found on the IBM that function without [CONTROL] + [ALT] + [N]. Thus, the Eagle provides you with the choice of either leaving the keypad as a calculator and moving the cursor with the special movement keys, or using the keypad for both functions with [CONTROL] + [ALT] + [N].

CHART 4: SPECIAL EAGLE MOVEMENT KEYS

EAGLE	IBM
[ALT] + [BACK SPACE]	[~]
[†] [†]	[† j [†]
$[SHIFT] + [\rightarrow]$	[End]
[HOME]	[Home]
[SHIFT] + [†]	[Pg Up]
[SHIFT] + [↓]	[Pg Dn]

SERIAL/PARALLEL PORT COMPATIBILITY

Those programs referencing Appendix B will only support parallel port output on the Eagle PC or 1600. Those not referencing Appendix B will support both the serial and parallel ports.

GW BASIC PROGRAM REQUIREMENT

Those programs referencing Appendix C require the GW BASIC program in order to run correctly. GW BASIC is available from Eagle Computer (see LANGUAGES). Some of these application programs will access the BASIC program in the AUTOEXEC BAT or another .BAT file by using the name BASIC or BASICA. To properly use these programs, the .BAT file must be edited using EagleWriter, Edlin or other suitable line editors to replace the command "BASIC" or "BASICA" with "GW BASIC."

ESCAPE CODE SEQUENCES FOR THE EAGLE 1600

Following are the escape code sequences for cursor and video screen control for the 1600 version of MS-DOS V 1.25.

ESC	b N	Set "Foreground color." The lower four bits of 'N' are used.
ESC	b N	Set "Background color." The lower four
		bits of 'N' are used.
ESC	J	Save cursor position.
ESC	k	Restore cursor position.
ESC	m	Cursor on.
ESC	n	Cursor off.
ESC	p	Reverse video on.
ESC	q	Reverse video off.
ESC	r	Intensity on. This feature is monitor
		dependent and therefore not always
		available.
ESC	S	Blink on.
ESC	t	Blink off.
ESC	u	Intensity off
ESC	V	Wrap around on.
ESC	W	Wrap around off.
ESC	X	Underline on.
ESC	У	Underline off.
ESC	Α	Cursor up.
ESC	В	Cursor down.
ESC	C	Cursor forward.
ESC	D	Cursor back.
ESC	E	Clear the entire screen and home the cursor.

ESCAPE CODE SEQUENCES FOR THE EAGLE 1600 (CONT'D)

ESC	H	Home the cursor.
ESC	J	Clear to end of screen.
ESC	K	Clear to end of line.
ESC	L	Clear from the beginning of the screen to
		the cursor.
ESC	M	Clear from the beginning of the line to
		the cursor.
ESC	N	Clear the entire line.
ESC	W	Concealed attribute on.
ESC	X	Concealed attribute off.
ESC	Yrc	Position cursor directly to Row 'r' and
		Column 'c'.
ESC	[ANSI control mode. See note.

Note: ESC is the ASCII escape character 27 decimal (18 hax). The sequences have been shown with a space between the escape character and the control character. In actual use, all characters in the sequence must be sent without extraneous blanks.

ESCAPE CODE SEQUENCES FOR THE EAGLE 1600 (CONT'D)

In positioning the cursor (ESC Y command), the row number 'r' and the column 'c' are sent as an ASCII character whose value is 32 decimal (20 hax) plus the row or column number, with the first row and first column being location zero, zero. For example, if you wanted to position the cursor to the fifth row and the tenth column on the screen, you would need to output the following bytes:

In hexidecimal that would be:

For you BASIC fans, the following routine will do the calculation and output:

Please notice the semicolons. These are necessary to prevent the BASIC program from inserting spaces and a final carriage return line feed.

OPERATING SYSTEM INSTALLATION

To enable the use of the Eagle File 10 and File 40 add on hard disk drive units, with all Eagle systems, the necessary hard disk drivers have been installed on all versions of the Eagle MSDOS operating system. Therefore the Eagle MSDOS operating system is larger than either IBM DOS 1.1 or 2.0. and will not fit on programs disks supplied with programs which reference Appendix E. This in no way effects the operation of the program. The only consideration is that the operating system cannot reside on the program diskette.

DISK MAINTENANCE UTILITIES

When running applications software developed for IBM DOS 1.1, or 2.0 under Eagle MSDOS 1.25, it should be noted that the disk utility programs provided by Eagle are called by different file names than their IBM counterparts. If a program references Appendix E, it was written to call the IBM files names and therefore may result in an error message when attempting to perform disk maintenance functions such as copying or formating from within the applications program itself. All the disk functions performed by IBM utility programs can be performed by the use of the utility programs provided by Eagle at the operating system level. The chart below shows the IBM utility programs and their Eagle counterparts.

IBM	EAGLE	
FORMAT.COM	FORMATPC.COM*	
DISKCOPY.COM	DISKUTIL.EXE	
DISKCOMP.COM	DISKUTIL.EXE	

^{*}This file may be renamed "FORMAT.COM" and then used in place of the file "FORMAT.COM" supplied with IBM DOS without complication.



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