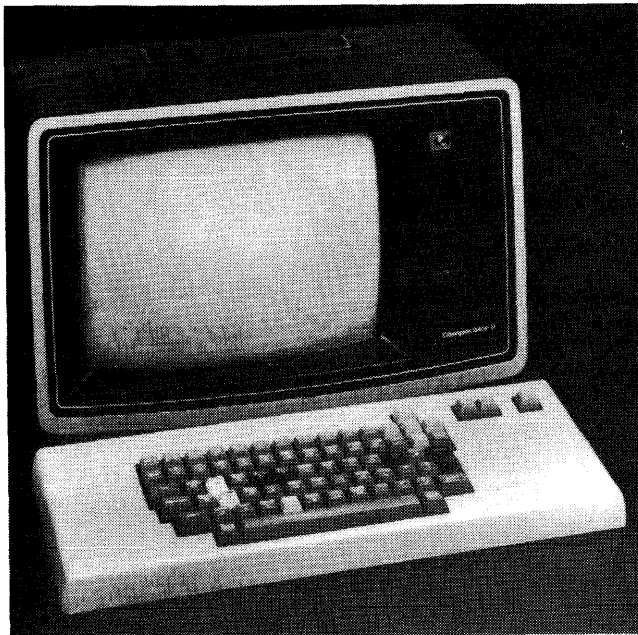


Compucolor II



The Compucolor II system shown here is a complete 32KB RAM personal computer with a 51KB mini-diskette built into the right front of the color video monitor. A 16KB extended floating point BASIC language capability is provided in ROM. Price of this system as configured is \$2,195.

BACKGROUND INFORMATION

Compucolor Corporation, a subsidiary of Intelligent Systems Corp., P.O. Box 569, Norcross, GA 30071. Telephone (404) 449-5879.

Compucolor Corporation was founded in 1978 as a division of Intelligent Systems Corp. Five years old when Compucolor was founded, ISC specializes in computer products based on color CRTs, and with about \$15 million in annual sales, holds nearly a third of the world color graphics display market. The Compucolor division was established explicitly to develop and market personal computers, while the ISC parent continues to focus on color systems for the business marketplace.

Altogether, ISC has shipped about 13,000 color computer systems to date, about 4,000 of which have been Compucolor II personal computers. The present Compucolor product lineup consists of 8KB, 16KB, or 32KB Compucolor II systems, known as Models 3, 4, or 5, respectively. The primary market focus for these systems has been the home and schools, but recently Compucolor has found ready acceptance in small business and professional environments for the Compucolor II's and is placing greater emphasis on these areas.

Export sales have played an important role in Compucolor's business posture, and about 30% of the

Models: Model 3, Model 4, Model 5.
Memory: 8KB-32KB RAM; 51KB-204KB diskette.
Base list price: \$1,895-\$2,495 (processor/memory).
Typical list prices: about \$2,200 (student)—16KB RAM and mini-diskette; about \$4,000 (business)—32KB RAM, two mini-diskettes, printer.
Primary uses: color graphics applications, home, professional, small business, education.
Popular options: from Compucolor—music tone generator, additional diskette drives; from independent sources—printer, communications.
Principal programming language: BASIC, FORTRAN.
Principal applications software: Statistics I, II and III. Personal Finance, Math Tutor, Bonds and Securities, Equity, Personal Data Base, Income Tax.
First shipment: 1978.
Number installed to date: about 4000.
Available through: about 150 dealers worldwide.

Compucolor II's delivered to date have been shipped internationally, with a concentration of installations in Australia.

SYSTEM CHARACTERISTICS

The Compucolor II systems are self-contained desk top units that consist of a combined color display with integrated 51KB mini-diskette, and a cable-connected keyboard chassis. Each Compucolor II also includes ten diskettes that would list for \$230 if purchased separately. To this basic configuration can be added a variety of peripherals, although only an RS-232C interface (for a printer or modem), a music tone generator, and a second mini-diskette drive are available directly from Compucolor. Compucolor has announced that it will introduce 8-inch diskette capability and a 25MB hard disk drive for the systems in the first half of 1980.

The basic Compucolor II comes with a minimum 8KB RAM, or may be ordered with a 16KB or 32KB RAM memory. For either the 8KB or 16KB sizes, Compucolor provides a 16KB RAM memory increment that can be attached by the dealer. The main language used on the Compucolor II is an extended version of Microsoft BASIC.

The recent addition of a library of powerful statistics programs makes the Compucolor II's very attractive for scientific or professional use. Most of the other software provided by Compucolor is intended for use with the systems in home or school environments. One special school package provided by Compucolor consists of a 25-inch color screen with a 16KB RAM for about \$3,300. ▷

CompuColor II

HARDWARE/PACKAGING

PROCESSOR/MEMORY

Model: Intel 8080A microprocessor; 8 bits
RAM: 4KB for screen refresh; user 8KB, 16KB, 32KB for Models 3, 4, 5, respectively; 16KB (\$375) expansion for Model 3 or 4
ROM: 16KB; additional 8KB (\$75) available
System prices: 8KB (\$1,895); 16KB (\$2,195); 32KB (\$2,495)

DISPLAY

Type: color monitor
Number: one provided; maximum of one available
Screen size: 13-inch
Chars./screen: 2,048; 64 chars./line, 32 lines
Char. type: upper/lower case, 6 x 8 matrix
Features: 2 character sizes, 64 graphics characters, includes RS232C Terminal Mode for time sharing use
Graphics: 8 colors foreground and 8 colors background in 16,384-point array (128 x 128)
Interface: integral cable plug

KEYBOARDS

	<u>Standard</u>	<u>Expanded</u>	<u>Deluxe</u>
Type:	typewriter style, tactile, moveable	typewriter style, tactile, moveable	typewriter style, tactile, moveable
No. of keys:	72, ASCII	101, ASCII plus numeric cluster	117, ASCII plus numeric cluster, 16 add'l. functions
Interface:	integral cable plug	integral cable plug	integral cable plug
Price:	No charge	\$135	\$200

DIRECT ACCESS STORAGE

Model/price: CompuColor II Sof-Disk, built-in; add-on \$395
Type: 5 1/4" diskette
Capacity/disk: 51KB
Drives/system: 1-2; 2/controller
Interface: integral cable plug

PRINTER

None

DATA COMMUNICATIONS

None

OTHER I/O

Magnetic tape: not attachable
Game controls: none
Loudspeaker: Soundware (\$49.95) music/sound feature

I/O ELECTRONICS

Structure: 30 ports in standard unit including 1 RS-232C Serial Asynchronous Channel for a printer or modem; 50-pin connector

SOFTWARE

LANGUAGES

FORTRAN: FORTRAN IV (\$75.00)
BASIC: Extended Floating Point Disk BASIC 8001 in 16KB ROM Assembler: 8080 Version (\$24.95)

OPERATING SYSTEM

Name: File Control System
Type: single thread execution
Functions: I/O device handling; keyboard and screen editing

UTILITIES

General: file control, screen refresh, graphics aids, etc.
Basic editing: Edit System (\$29.95) consists of 6 programs to edit, renumber, merge, compact, delete remarks, and disassemble BASIC; requires 16KB
Debug: Machine Language Debug (\$29.95)
Diagnostics: complete user memory test program (\$19.95)
Sort: none

DATA BASE MANAGEMENT SYSTEMS

Name/price: Data Base System; \$29.95
Function: file and data management system for addresses, inventories, etc.

Name/price: Checkbook; \$19.95

Function: checking account records management

Name/price: Personal Data Base; \$39.95

Function: general list management

COMMUNICATIONS SUPPORT

Name/price: Terminal Software; no charge
Function: allows CompuColor II to operate as a timesharing terminal

APPLICATIONS PROGRAMS

Accounting: Personal Finance V. I (\$19.95) and V. II (\$19.95); Bonds and Securities (\$19.95); Equity (\$19.95); Income Tax (\$29.95)
Scientific: Statistics I—Regres, Plot, Stat, Graph programs (\$24.95); Statistics II—Mltreg, Polreg, Disreg, Varinz programs (\$29.95); Statistics III—Timser, Index, Cmptim programs (\$29.95)
Education: Math Tutor (\$19.95)
Entertainment: more than 50 game programs from Chess to Startrek; nominal prices

SUPPORT SERVICES

DOCUMENTATION

Range: 4 manuals available, for between \$3.00 and \$100.00 apiece, including Instruction Manual (\$3), Programmers Manual (\$25), Maintenance Manual (\$50), System Listing Manual (\$100)

SUPPORT

Training: none from CompuColor; available at discretion of dealer
Maintenance: most repairs may be made by dealer; other repair work at factory; all service fee based

TERMS AND CONDITIONS

Warranties: 90-day parts and labor

Discounts: none officially available at retail level; some dealers and mail order houses will offer up to 15% off list ■