I've finally found a personal computer I respect. Compucolor II.

It's not surprising that professionals get excited about the Compucolor II. It's a totally-integrated 8080A system with full color graphics display, built-in 51K mini-disk drive, and the best cost performance ratio available in a personal computer.

The complete system is only $1495.* And that price includes 8K user RAM, RS-232C compatibility and random access file capabilities.

Our 8 foreground and background colors will boost your comprehension, while introducing you to an exciting new dimension in BASIC programming. The vector graphics have 16,484 individually-accessible plot blocks. And the 13″ diagonal measure screen gives you 32 lines of 64 ASCII characters. You also have the flexibility that comes with 16K Extended Disk BASIC ROM.

Compucolor II offers a number of other options and accessories, like a second disk drive and expanded keyboard, as well as expandability to 32K of user RAM. Of course we also have a whole library of low-cost Sof-Disk™ programs, including an assembler and text editor.

Visit your nearest computer store for details. And while you're there, do some comparison testing. With all due respect to the others, once you see it, you'll be sold on the Compucolor II.

Compucolor® Corporation

Unretouched photo of screen

*U.S. Domestic price

Compucolor II
Specifications

Keyboard
Separate keyboard with Standard ASCII 4 level, coded with 192 codes. Includes 71 gold crossbar commercial key switches. CPU Reset and Automatic disk loading (AUTO) keys are included. Optional: 101 keys with color and numeric clusters or 117 keys with 16 additional function keys.

Microcomputer
Central Processing Unit: 8080A, 2 microsecond cycle time with total memory expandable to 64K bytes.

Read Only Memory (ROM): 16K bytes of non-destructive read only. Memory sockets included for 8K bytes of additional EPROM/MROM memory. Includes DISK BASIC, File Control System, and Terminal Software.

Random Access Memory (RAM): 4K bytes for screen refresh. 8K bytes for user workspace. (Optional 16K and 32K — Models 4 and 5.)

Input/Output Ports: system is designed for 478 ports, with 30 ports implemented in standard unit. Including one RS-232C Serial Asynchronous Channel for a printer or modem.

50 pin bus: provides all addresses, data, clocks, etc., to allow the Compucolor II to be expanded with additional peripherals in the future.

CRT Terminal Commands: Page/Roll Mode; Erase Line; Erase Page; Tab; Two Character Sizes; Blink; Cursor Home, Left, Right, Up and Down; Cursor XY Addressing; Caps Lock; CPU Reset; Foreground/Background Color Selection; 15 Plot Modes; Blind Cursor Mode; Local, Full and Half Duplex Modes; Write Vertical Mode; and Transmit Cursor and Page Modes.

Language: DISK BASIC 8001 interpreter in ROM memory includes: 29 statement types: CLEAR, DATA, DEF, DIM, END, FILE, FOR, GET, GOSUB, GOTO, IF, INPUT, LOAD, NEXT, ON, OUT, PLOT, POKE, PRINT, PUT, READ, REM, RESTORE, RETURN, SAVE, STEP, THEN, TO and WAIT. 3 command types: CONT, LIST and RUN. 19 mathematical functions: ABS(x), ATN(x), CALL(x), COS(x), EXP(x), FNx(y), FRE(x), INT(x), INP(x), LOG(x), PEEK(x), POS(x), RND(x), SGN(x), SIN(x), SPC(x), SQR(x), TAB(x), and TAN(x). 9 string functions: ASC(x$), CHR$(x), FRE(x$), LEFT$(x$,I), LEN(x$), MID$(x$,I,J), RIGHT$(x$,I), STR$(x) and VAL(x$). 12 Disk File commands: COPY, DELETE, DEVICE, DIRECTORY, DUPLICATE, INITIALIZE, LOAD, READ, RENAME, RUN, SAVE, and WRITE.

Baud Rate: Independent Baud rate generators for one of 7 Baud rates from 110 Baud to 9.6K Baud.

Mini Disk Drive
Uses 5¼" square Compucolor II Sof-Disks.™
Tracks: 40
Track Density: 48 tpi
Power on Delay: 1 second
Access Time: (average 20 tracks) 200 ms
Average Latency: 200 ms
Transfer rate: 76.8 Kilobits/sec.
Performance specifications:
  Capacity formatted 51.2K Bytes/Side.
  Both sides usable by flipping Sof-Disk over.

CRT Display
Eight color display with 32 lines of 64 characters (2048 characters). Two different character sizes. Plotting graphics of 128 x 128, including vector generating software. 64 standard ASCII characters and 64 additional special graphic characters. Includes a Standard RS232C Terminal Mode for time sharing use. 60Hz refresh. Usable screen area 9" wide x 6¾" high.

Prices
Model 3 — 8K user RAM — $1,495 Retail*
Model 4 — 16K user RAM — $1,695 Retail*
Model 5 — 32K user RAM — $1,995 Retail*
Warranty 90 days

Available options
Second Compucolor II Micro-Floppy™ disk drive — $400*

Expanded Keyboard: 101 keys with color and numeric clusters — $135*

Deluxe Keyboard: 117 keys, including 16 additional function keys — $200*

Additional 16K RAM Module (only for Model 3 and 4) — $375*

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*U.S. Domestic Prices