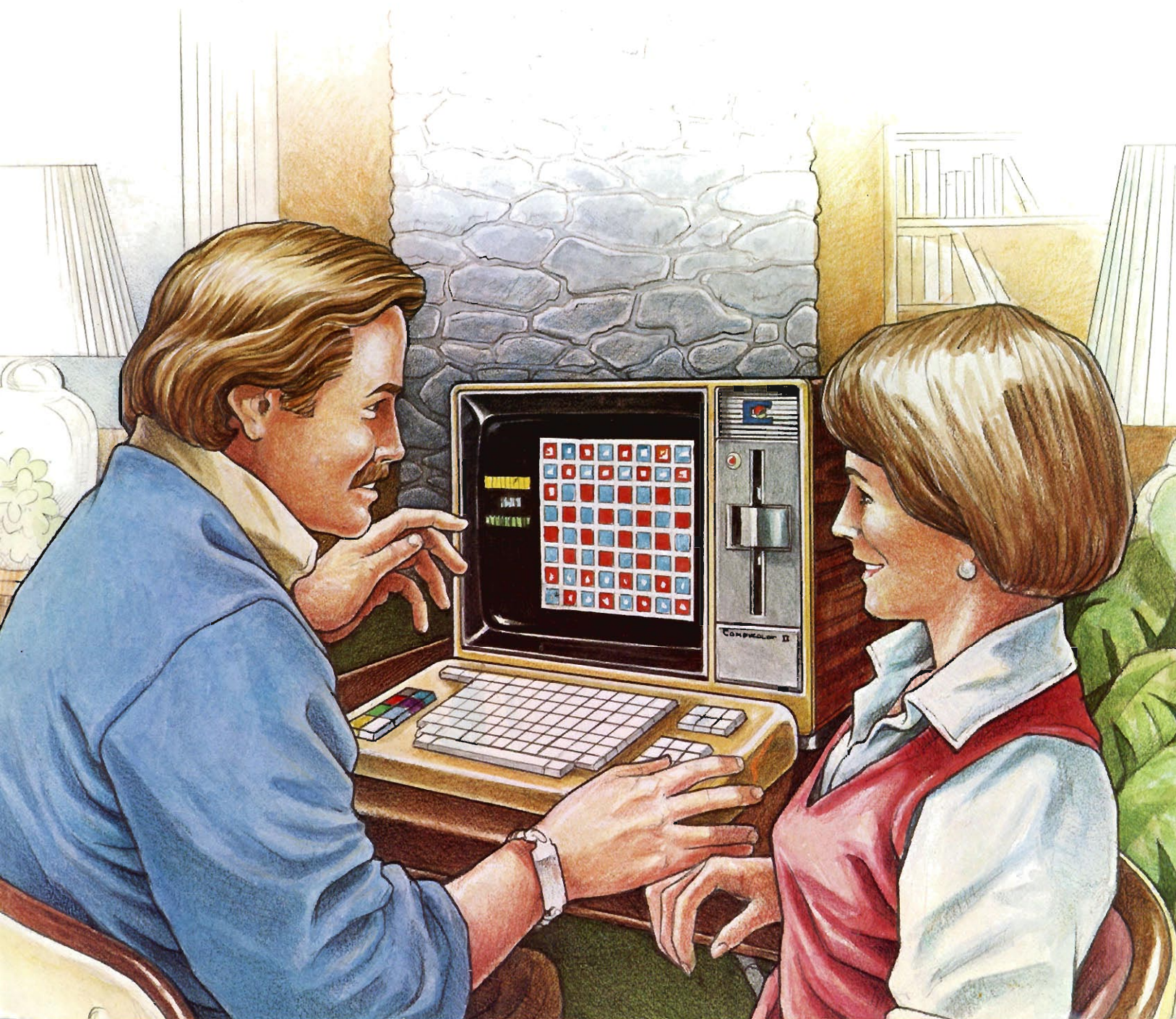


# The Renaissance Machine...



If you've been keeping up with the industry, you know there are several so-called low-cost personal computers on the market. Mostly alphanumeric black and white units, some in kit form, some factory assembled, but most of them aimed at a very specialized market—the hard core computer hobbyist and the electronics engineer. The Compucolor II brings a whole new level of sophistication to a whole new market segment—the Renaissance Man. ¶ That's our market position in a nutshell, and it's totally unique—a personal color graphics computer system for the modern Renaissance Man. ¶ Who is he? ¶ He represents a prime slice of a growing and vital market—men, women and entire families who are involved in a diverse range of intellectual, cultural, business, recreational pursuits... professionals from all walks of life with the time, energy and financial position to take on new challenges.

## Introducing a new generation of hardware for sophisticated yet simple software.

Sophistication and simplicity may sound like a contradiction in terms, but it's not. Because of advanced hardware technology, all it takes is a little skill, experience and patience to master the Compucolor II. And we've designed-in advanced color graphics

hardware and software to add a new dimension to a multitude of challenging applications. From games like chess and StarTrek to practical applications like menu planning and record keeping for budgeting and income tax purposes.

¶ And when we say complete, we mean complete. The Compucolor II has its own 8-color, 13-inch diagonal display (no TV interface to worry with), a typewriter-like keyboard with color and cursor clusters, 27K of memory expandable to 64K, an 8080 CPU, 14 Baud rates from 110 to 76.8K Baud, plus a built-in mini-disk drive mass storage device. ¶ And since the Compucolor II utilizes BASIC 8001, a conversational programming language with English-type statements and familiar mathematical notations, it doesn't take long to learn to write and store your own programs.

## A new challenge for the complete gamesman.

Compucolor II owners will discover a whole new world of competition opened up to them. For the gamesman: StarTrek, Blackjack, One-Armed Bandit, Acey Deucey, Bluff. For the thinking man: Chess, Checkers, Lunar Landing, Biorhythms. We've even got programs

# For the Renaissance Man

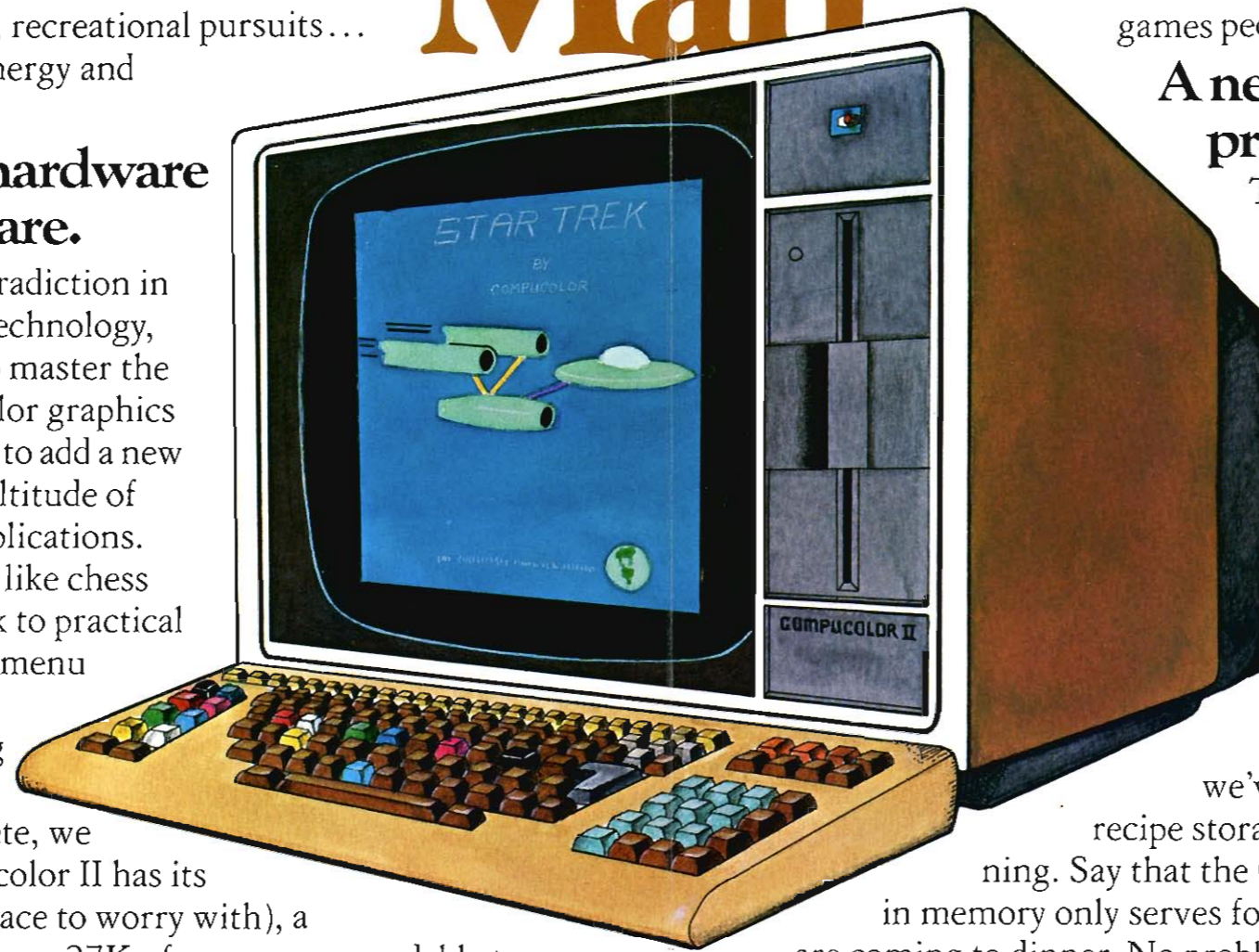
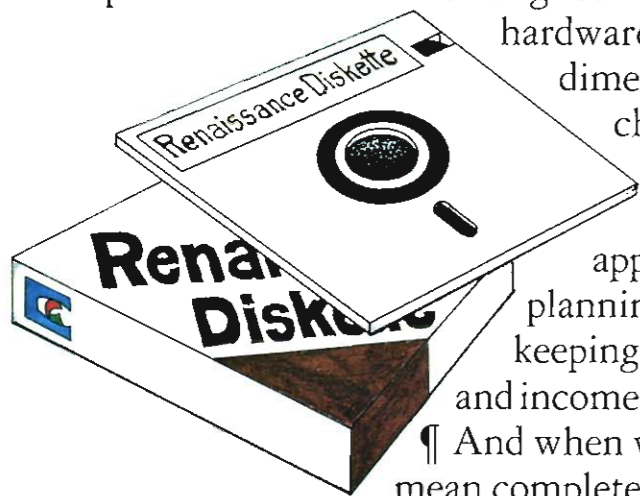
designed to help youngsters with their math and spelling. ¶ And talk about simplicity, the programs for the Compucolor II come on convenient diskettes. All you have to do is slip them into the built-in disk drive and the fun begins. ¶ And as we said before, it's surprising how fast Compucolor II owners can learn to develop their own programs. So between the programs we have in development, those that Compucolor II owners come up with on their own, and programs from trades with other Compucolor II owners, it doesn't take long to build up an impressive software library... a library full of challenges for the games people play.

## A new flexibility for problem solvers.

The Compucolor II is not all fun and games, not by a long shot. It's a full-fledged micro computer system with the power to handle complex tasks. Home budgeting, for instance: we've got a Compucolor II Renaissance program available right now for checkbook balancing and income tax compilation. Load your records into memory, transfer them to a diskette, and you've got a permanent record of all your personal business transactions. And you can set up categories to classify those transactions—such as medical, taxes and tax deductible expense categories. The Compucolor II is also a super way to keep up with stock portfolios.

¶ And for homemakers, we've got programs for recipe storage and menu planning. Say that the Coq au Vin recipe in memory only serves four, but nine people are coming to dinner. No problem. Hit the right buttons and the Compucolor II will come up with Coq au Vin for nine in just the right proportions.

¶ There you have it, Compucolor II, the Renaissance Machine for the Renaissance Man. A totally unique personal computer system with a totally unique marketing plan for mass merchandisers. Merchandisers who have the foresight to be in the vanguard of an industry predicted to reach \$1.96 billion a year by 1982, with sales of home computers reaching \$640 million.



# CompuColor II Specifications

## Keyboard

Separate keyboard with Standard ASCII 4 level, coded with 192 codes. Includes cursor and color clusters.

## Micro Computer

Central Processing Unit: 8080, 2 microsecond CPU with total memory expandable to 64K bytes.

EPROM/MROM Memory: 16K bytes of non-destructive read only. Memory sockets included for 16K bytes of additional EPROM/MROM memory. Includes DISK BASIC 8001, File Control System, and Terminal Software.

Random Access Main Memory: 4K bytes for screen refresh and scratch pad. 4K bytes for user workspace. Room for 12K bytes of additional user workspace, and 4K bytes of refresh graphics.

Input/Output Ports: System is designed for 512 ports, with 25 ports implemented in standard unit. Optional: one RS-232C Serial Asynchronous Channel for a printer or modem.

Editing: Page/Roll Mode and Insert/Delete Character/Line, Erase Line, Erase Page, Tab, Caps Lock, CPU Reset, and Color Selection.

Language: DISK BASIC 8001 interpreter in ROM memory includes: 26 statement types: CLEAR, DATA, DEF, DIM, END, FILE, FOR, GOSUB, GOTO, IF, INPUT, NEXT, ON, OUT, PLOT, POKE, PRINT, PUT, READ, REM, RETURN, RESTORE, STEP, THEN, TO, and WAIT. 5 command types: CONT, LIST, LOAD, RUN,

and SAVE. 18 mathematical functions: ABS(x), ATN(x), CALL(x), COS(x), EXP(x), 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). 10 string functions: ASC(x\$), CHR\$(x), FRE(x\$), GET\$(x\$,I), LEFT\$(x\$,I), LEN(x\$), MID\$(x\$,I,J), RIGHT\$(x\$,I), STR\$(x), and VAL(x\$). 13 Disk File commands: COPY, DEVICE, DIRECTORY, DUPLICATE, INITIALIZE, LOAD, MERGE, PRINT, READ, RENAME, RUN, SAVE, and WRITE. (Optional: ASMBLE, CREATE, EDIT.)

Baud Rates: Independent Baud rate generators for one of 14 Baud rates from 110 Baud to 76.8K Baud.

## Mini Disk Drive

Tracks: 40  
Track Density: 48 tpi  
Rotational Speed: 150 rpm  
Access Time:  
    track to track: 30 ms  
    average (35 tracks): 370 ms  
Settling Time: 20 ms  
Average Latency: 200 ms  
Transfer Rate: 76.8 Kilobits/sec.  
Operating Temperature: 10 to 40°C (50 to 105°F)  
Relative Humidity: 20 to 80% (noncondensing)  
Performance specifications:  
    capacity unformatted per disk: 61.2K Bytes  
    per track: 1.53K Bytes  
    capacity formatted per disk: 51.2K Bytes  
    per track: 1.28K Bytes

## Programmed Renaissance Diskettes Available for the CompuColor II

These programs were specially written to take full advantage of the graphics and color capabilities of the CompuColor II.\*

- Acey Deucey
- Biorhythms
- Blackjack
- Bluff
- Checkbook
- Checkers
- Chess
- Christmas/Space Ship
- Math/Dice
- Math/Tutor
- One-Armed Bandit
- Othello
- Payroll for 100 employees
- Recipe and Menu program
- StarTrek #1
- StarTrek #2
- Two-To-Ten
- Warranty and Service Control program

\*Some programs may require additional RAM memory. The two units shown include expanded keyboard and graphics.



**CompuColor Corporation**

P.O. Box 569  
Norcross, GA 30091

# We make the Renaissance Machine for the Renaissance Man: CompuColor II