

CYBORG - 64 GAZZETTE

an irregular newsletter of OBVIOUS BIAS
Primarily but not exclusively devoted
to the amazing Commodore 64 ETC.

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SYNERTECH DESIGN [206] 939-2274

Good News:



AFTER A TEMPORARY
BUT TOTAL DEPLETION
OF 64'S IN WASHINGTON
THEY ARE ONCE AGAIN
AVAILABLE IN LIMITED
SUPPLIES! ORDER
SOON TO AVOID DISAPPOINT-
MENT! **939-2274 TILL 10PM**



THE COMMODORE 64 ONLY \$595

PRODUCT NEWS

ITEM	COST	DELIVERY	COMMENTS
CBM 64	595 ⁰⁰	IMMED.	AMAZING
1525 PRINTER	395 ⁰⁰	IMMED.	GRAPHICS - DOT MATRIX
1541 DISK DRIVE	395 ⁰⁰	SOON	170K (I EXPECT IT IN 10 DAYS)
VICMODEM	109 ⁰⁰	IMMED.	INCLUDES SIMPLE TERMINAL SOFTWARE AND FREE HOUR ON COMPU SERVE.
CBM DATASETTE	75 ⁰⁰	IMMED.	SLOW BUT SURE
CARDCO UNIVERSAL CASSETTE INTFC.	29 ⁹⁵	10 DAYS	ALLOWS ANY REMOTE TYPE CASSETTE TO BE USED WITH CBM 64
CARDCO LIGHT PEN W/SOFTWARE	29 ⁹⁵	10 DAYS	HAS SIX DEMO PROGRAMS - GREAT VALUE!!
CARDCO UNIVERSAL ELECTRONICS PARALLEL INTFC.	75 ⁰⁰	10 DAYS	USE ANY PARALLEL PRINTER WITH THE 64!
MICRO-ED EDUCATIONAL SOFTWARE	725-1435	10-14 DAYS	WIDE RANGE OF STANDARD ELEMENTARY TO ADULT COURSEWARE: SPELLING, MATH, SCIENCE, GEOG. ETC.
DIGITAL ARTS	CALL	CALL	NEW, ORIGINAL, MACHINE-LANGUAGE ARCADE GAMES - FULL FEATURED FOR THE 64!
TOTALS	TOTAL COST	25.00	10 DAYS
	TIME MGR.	25.00	"
	LABEL 2.0	20.00	"
	RESEARCH ASST.	25.00	"
			SEE NEXT PAGE FOR DESCRIPTIONS

64 FLASH

THE HOTTEST SUBJECT THESE DAYS IS COMPUTER-WORKS' ADVERTISED APPLE AND ATARI "LOADERS"

I HAVE TALKED WITH THE DEVELOPER OF THESE PRODUCTS AND HERE IS WHAT I CAN SAY:
THIS IS A HARDWARE EMULATOR USING PROPRIETARY CHIPS - THE DEVELOPER CLAIMS ALL APPLE DISKS WILL BE LOADABLE ON THE CBM 1541 DISK DRIVE - AND THAT ALL SOFTWARE INCLUDING GRAPHICS WILL RUN IDENTICALLY. PRICE \$799 !! I HAVE REQUESTED A TEST UNIT (2 WEEKS) AND WILL REPORT AS THINGS DEVELOPE.



PRACTICAL PROGRAMS FOR THE VIC 20* & COMMODORE 64 **TOTL** software

WORD PROCESSING

TOTL.TEXT 2.0 \$25.00
Full capability word processing
Margin and spacing control
Centered title lines
Indentation and tabs
Upper and lower case and graphics
Full screen editing
Scrolling up and down
No limit to document length

TOTL.TEXT 2.5 \$36.00

Enhanced from TOTL TEXT 2.0:
Heading lines (up to 4)
Footnote line
Footnotes
Keyboard input
Justification to right margin
Additional working memory

KEY WORD

CROSS REFERENCE

RESEARCH ASSISTANT 2.0 \$25.00
Great for authors, students
Compile reference notes

RESEARCH ASSISTANT, com's.
Save related bibliographical data
Quick cross reference by keyword

MAILING LIST and LABELS

TOTL.LABEL 2.0 \$29.00
Easy editing
User defines label size
Automatically sorted
Optional non-printing data line
Select labels for printing

TIME MANAGEMENT— SCHEDULING, REMINDERS

TOTL TIME MANAGER 2.0 \$25.00
Enter and edit activities
Use for dates and times
Inquiry by date, person, project
Bar chart reports from 2 days (24 hours) to 4 years
Print reports by activity, person or project
Reports may also be sorted by dates
58 possible report formats

All programs require 8K expansion and cassettes. Designed for tape and disk input/output and the VIC printer. Modification list available for RS232 printers. All programs shipped on cassette tape. Specify machine.

*** I WILL REVIEW THIS PRODUCT IN A FUTURE ISSUE B.D.**

A disk based Data Manager System for the **CGT** Computer is a comprehensive system that allows the user to define and manage his own database and record entries on disk. It can also create, add, delete, and change records, as well as browse through, search, print, and exit the file. It stores up to 1200 records on a single disk. In addition to the VIC-20 application, the system is also offered for any Commodore CBM or PET (Commodore 64) Atari 800, Apple II, and IBM Personal Computer. \$59.95. MicroSpec, Ltd.

*** I HAVE NOT TRIED THIS YET B.D.**

SOFTWARE FOR CBM 64

Word Processing \$80
Computer Tutoring Game 50
CBM EasyCalc (for the 64) call
CBM EasyFinance call
CBM EasyPlot call
CBM EasyScan (appointment manager) call
RS232 Interface (modems, printers) 40

TO ORDER CALL TOLL FREE
800-527-4893 800-442-1048

Sub with any credit card or check
No charge for shipping and handling

SJB DISTRIBUTORS, INC.

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Phone: 303-751-1100

Telex: 303-751-1100

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Circle 10 on Reader Service Card

*** I do NOT CARRY These products AT PRESENT. Ad Reproduced AS A SERVICE TO MY READERS B.D.**

Intelligent Software

For the Commodore VIC-20, 64, PET, and CBM
Honestly, Bill, you've gone too far. Now who is going to believe that Mail List allows random access to 1190 files per disk, interfaces with Word Processor Plus to provide mass mailing capabilities, runs on ALL Commodore machines (V2 BASIC; min. 16K, disk drive, printer req'd.), and (you can't be serious!) costs just \$80, INCLUDING the word processor? Well, we'll just have to see.

Also available: Copycalc (an electronic spreadsheet), \$30 (\$15 w/another program); WIP (12K, printer req'd.), \$30; DB MAN (12K req'd.), \$30; more. All prices include shipping; Calif. residents add 6%. Please specify hardware configuration. Catalog available.

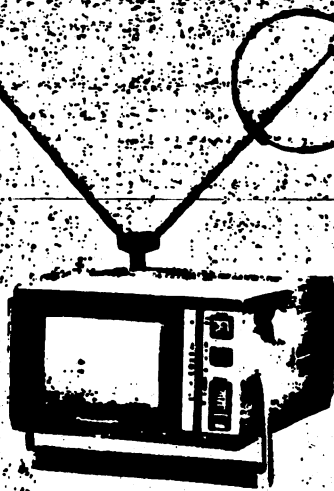
... when you're through playing games.

*** I HAVE NOT TRIED THESE YET B.D.**

FOR SALE

5" COLOR TV: MONITOR
ELECTRONIC TUNING / DIRECT INPUTS
FOR VCR, VIDEO GAMES, OR COMPUTER

Color Television/Monitor
MODEL NO. CT-5511



DUAL-
PURPOSE

1 YR. OLD

Panasonic

AC/BATTERY/CAR-CORD OPERATION

EXTREMELY SHARP PICTURE!

LAP-SIZED [FOR FOOTBALL GAMES ETC.]

399⁰⁰ [WITH NIKAD BATTERY PACK
AND CAR-CORD]

COST NEW: 500⁰⁰

CALL BENN 939-2274

IDEAL FOR YOUR
CBM 64!

PROOFREADING SOFTWARE

**NEW ... THE MOST ADVANCED SPELLING CHECKER SOFTWARE
AVAILABLE FOR COMMODORE WORD PROCESSORS.**

Now you can rapidly eliminate misspellings from your word processing text. Spellmaster can quickly pay for itself in reduced clerical time spent on correcting misspellings.

Machine Language Speed allows a large Wordpro4+ textfile to be Proofread in 2 minutes or less. Proofreading of linked files is easy and automatic. Legal and Medical Dictionaries are available to add 4500 technical terms to the dictionary.

SPELLMASTER

by Dwight Huff & Joe Spatolara

Features Include:

48,000 Word Capacity. Spellmaster (CBM 8050 version) is delivered with a 19,000 word dictionary allowing the user to add up to 24,000 words.
Direct Screen Editing of Mistakes. Words "suspected" to be incorrect are displayed in "reverse video" on the screen; simply correct the mistakes and remove your corrected file... ready to be printed.
Add Words with a Single Keystroke! Spellmaster makes it easy to Permanently Add any correctly spelled word in your text to your User Dictionary.
Menu-Driven and User Friendly. The average user can learn to operate Spellmaster in 30 minutes.
Complete Documentation is provided to guide you through Spellmaster on a "step by step" basis.

Compatible with the Commodore 8032, 4032, 8096, SuperPET, & the Commodore 64. Operates with the Commodore 2040, 4040 and 8050 Disk Drives. Wordpro, Wordcraft, & Silicon Office versions available.

Spellmaster 1499 Legal/Medical Modules \$75

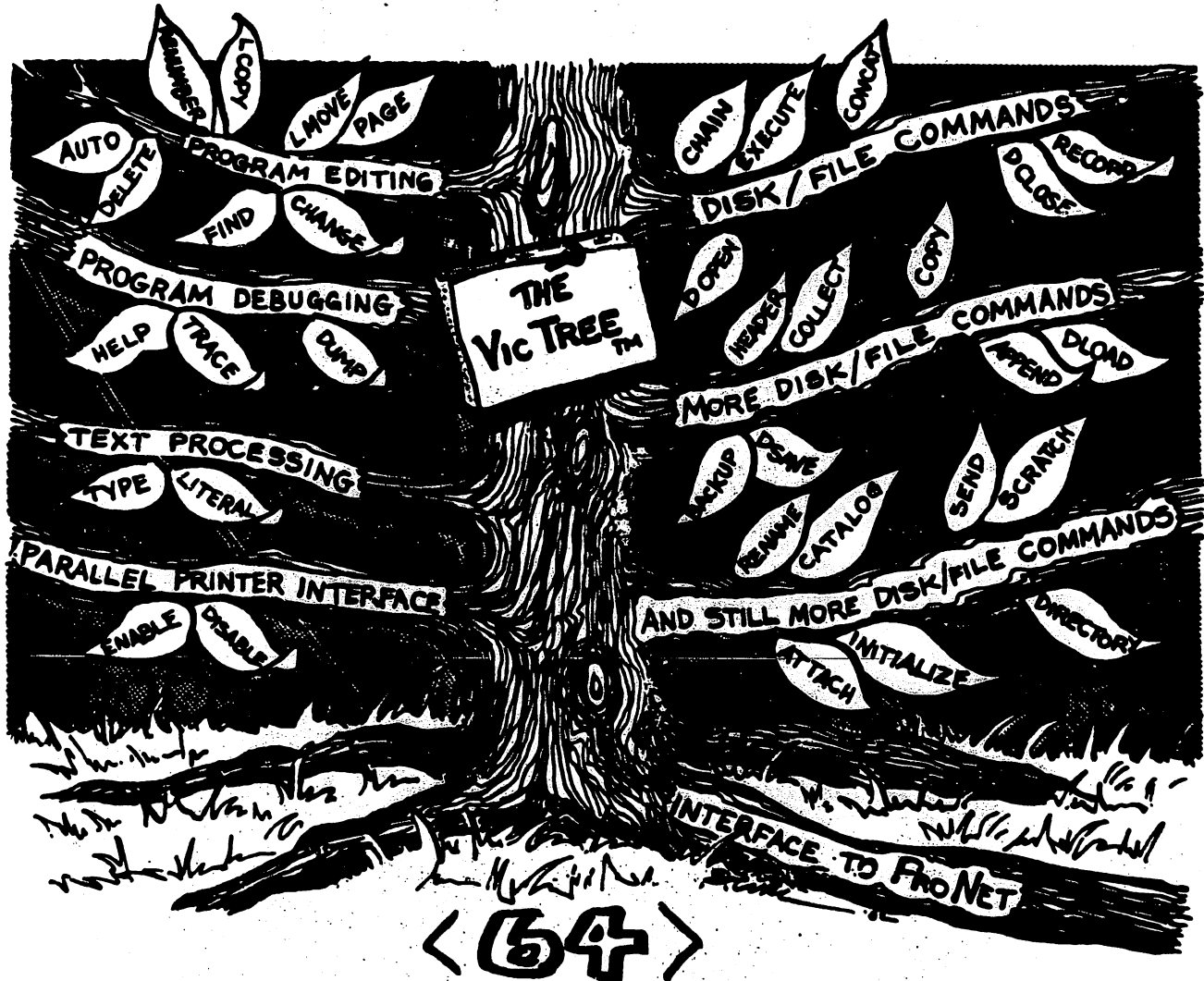
NOTICE ***

I NOW CARRY THE COMPLETE LINE
OF **PANASONIC OMNI**
SERIES T.V. / MONITORS

YES! 2 SETS FOR THE PRICE OF ONE!

DIRECT AUDIO AND VIDEO INPUTS
FOR YOUR CBM 64 **AND**
A FULL FEATURED, ELECTRONIC-TUNED,
CABLE-READY T.V. FOR BROADCAST!
2.6" - 5" - 10" - 19" from \$199

Skyles Electric Works Presents



< 64 >

The VicTree™

- ...Leaves your new Vic (or CBM 64) with 35 additional commands.
- ...Branches out to most BASIC 4.0 programs.
- ...Roots into most printers.

New from Skyles: the VicTree, a coordinated hardware and software package that allows your Vic to branch out in unbelievable directions and makes it easier than ever to do BASIC programming, debugging and to access your disk. And the new VicTree provides routines to interface the Vic to the powerful ProNet local network. 8kb of ROM — 4kb for the BASIC commands, 4kb for disk commands and interfacing to ProNet — plus 4kb of RAM for miscellaneous storage. Perfect not only for the new Vic but also for the Commodore 64. Unbelievably simple to use and to install, the VicTree gives you all the additional BASIC 4.0 commands to allow most BASIC 4.0 programs to work on your new Vic or CBM 64.

Now only \$89.95...or \$99.95 complete with Centronics standard printer cable. (Cable alone \$19.95.) Available now from your local dealer

COMMODORE 64 SYSTEMS SPECIFICATIONS

SYSTEM UNIT

Microprocessor: 6510, designed and produced by Commodore's MOS Division. Uses the same instruction set as the 6502, but has additional input/output lines.

Memory: 64K of RAM. 38K are user-accessible for BASIC programs; 52K for machine language programs.

ROM: 20K of internal ROM contain the operating system and Commodore BASIC language.

Keyboard: Full-size typewriter style, 66 keys, upper and lower case. Four unassigned programmable function keys.

Color: and the full set of 64 PET graphics can be selected directly from keyboard.

Display: 40 columns by 25 lines, 255 combinations of border/background colors, 16 text colors and use of all 64 PET graphic characters.

High-resolution graphics mode: of 320 x 200 pixels for exceptional detail and clarity in games or animation. Can use 16 colors simultaneously.

8 independently movable Sprites: can be created for games and animation. Each is 21 x 24 pixels, and may contain up to three colors.

Sound: 6581 Sound Interface Device provides music and sound to rival even some dedicated music synthesizers.

Produces three independent voices, each with a range of nine octaves. Four waveforms are available: sawtooth, triangle, variable pulse and noise.

Includes programmable ADSR (attack, decay, sustain, release) generator. Programmable filter can be individually selected for each voice.

Provides low-pass, high-pass, band-pass or notch outputs.

Variable resonance and master volume control.

COMMUNICATIONS

The Commodore 64 accepts a low-cost VICMODEM™ through its eight-bit user port, giving it access to other computers over ordinary telephone lines.

The modem allows users to gain access to large data bases such as The Source, CompuServe and Dow Jones News/Retrieval Service.

PERIPHERALS

The Commodore 64 will support:

Datasette Recorder: A low-cost tape unit which allows the storage of programs and data on standard audio tape cassettes.

Single-Disk Unit: Uses standard 5 1/4-inch floppy diskettes to store programs and data. Each diskette holds up to 170,000 characters of information. Disk units include their own microprocessors and memory systems, and therefore don't require memory resources from the Commodore 64 main unit. The Commodore 64 will support up to five single-disk units.

Printer: The VIC 1515 printer attaches directly to the Commodore 64 without additional interfaces. Prints 30 characters per second, dot-matrix. Uses plain tractor-fed paper.

Interface Cartridges: Specialized cartridges allow the Commodore 64 to use various standard devices, including printers, controllers and modems.

PET Emulator: Allows users to run most of the programs designed for PET systems with little or no modification.

Audio and Video Connections: Direct outputs from the Commodore 64 connect audio signals to high-quality stereo systems, and video signals to a monitor.

Cartridge Slot: Will accept games and other applications designed for Commodore 64 or Max Machine™ on plug-in cartridges.

Other Interfaces: provide access for two joysticks, four game paddles or a lightpen.

SOFTWARE

Commodore has already created a variety of programs in several categories for the 64 and has plans for much, much more. Business, personal, entertainment and educational applications make the Commodore 64 an enormously useful and versatile tool.

CP/M®

A Z80 microprocessor on a plug-in cartridge makes an enormous amount of software available to users of the 64 system. By plugging the optional microprocessor into the 64's 8-bit user port, the user enables the Commodore to run programs written in CP/M®.

CP/M® is a registered trademark of Digital Research, Inc. Preliminary release information. Specifications subject to change.

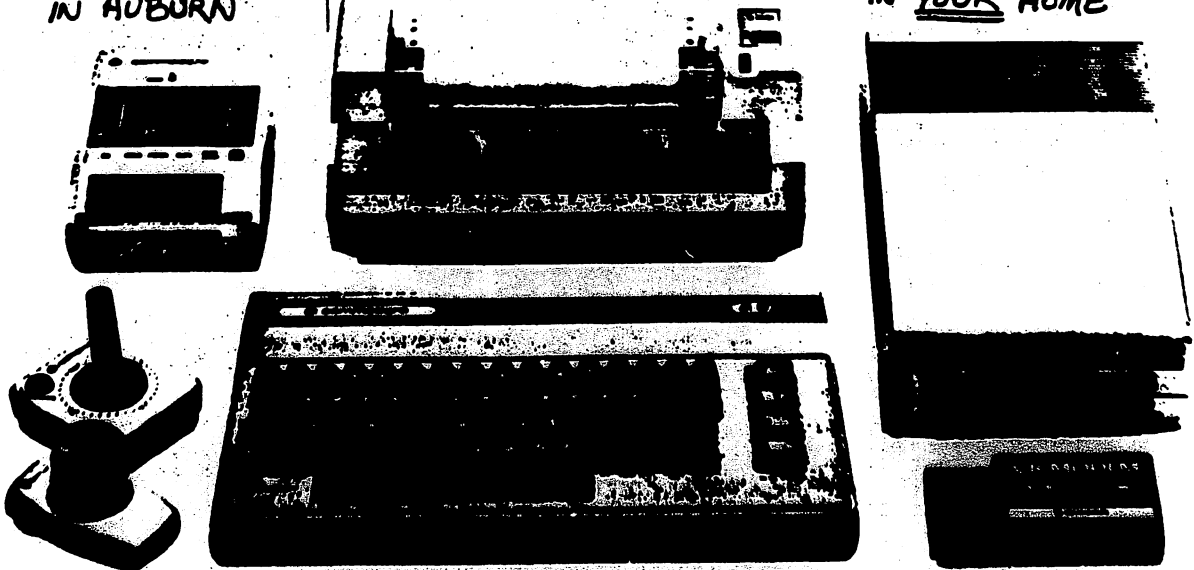
CONTACT:

BENN DUNNINGTON

939-2274

IN AUBURN

COMMODORE 64



ASK ABOUT A
FUN & INFORMATIVE
COMPUTER
PARTY
IN YOUR HOME

**Commodore
COMPUTER**

CYBORG - 64 GAZZETTE

**THE 64, QUITE SIMPLY, HAS NO COMPETITION.
AS A QUICK LOOK AT OUR COMPETITION WILL TELL YOU.**

Features	COMMODORE 64	APPLE II+*	IBM® PC	TANDY TRS-80® III	ATARI 800®
Base Price*	\$595	\$1530	\$1565	\$999	\$899
Advanced Personal Computer Features					
Built-in User Memory	64K	48K	16K	16K	16K
Programmable	Yes	Yes	Yes	Yes	Yes
Real Typewriter Keyboard	Yes (66 keys)	Yes (52 keys)	Yes (83 keys)	Yes (65 keys)	Yes (61 keys)
Graphics Characters (from Keyboard)	Yes	No	No	No	Yes
Upper and Lower Case Letters	Yes	Upper Only	Yes	Yes	Yes
5 1/4" Disk Capacity Per Drive	170K	143K	160K	178K	96K
Audio Features					
Sound Generator	Yes	Yes	Yes	No	Yes
Music Synthesizer	Yes	No	No	No	No
Hi-Fi Output	Yes	No	No	No	Yes
Video Features					
TV Output	Yes	Extra	Extra	No	Yes
Input/Output Features					
"Smart" Peripherals	Yes	No	No	No	Yes
Software Features					
CP/M® Option (Over 1,000 Packages)	Yes	Yes	Yes	Yes	No
Game Machine Features					
Cartridge Game Slot	Yes	No	No	No	Yes
Game Controllers	Yes	Yes	Yes	No	Yes

*Manufacturer's Suggested Retail Price July 1, 1982. Disk drives and printers are not included in price. The 64's price may change without notice. And after they get a look at this chart, you can count on the competition to change their price.

**WITH A COMPUTER THAT'S LIGHT YEARS AHEAD OF ITS COMPETITION,
WE THOUGHT IT APPROPRIATE
THAT ITS SOFTWARE SHOULD BE AT LEAST A FEW YEARS AHEAD.**

Here's how we did it.

**PART I. THE FIRST ORDERLY APPROACH
TO SOFTWARE.**

Commodore's programmers examined the whole jungle of software available today—literally hundreds of programs—and isolated the most popular and most useful.

Then they made them better. The result: a variety of highly refined, perfected programs for home, business and education.

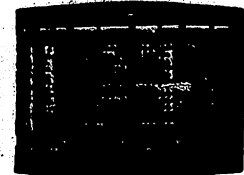
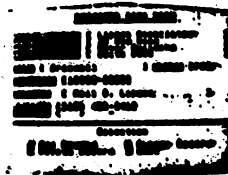
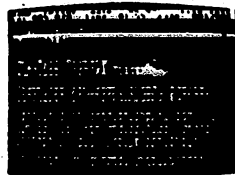
**PART II. AN ALMOST INFINITE
ARRAY OF SOFTWARE.**

Independent makers of software have already hopped on the 64 bandwagon. They've come to Commodore for training on the 64 and are adapting

the world's most popular programs to the 64.

Further, the 64 is compatible with CP/M®. Which means a simple optional add-on opens up over 2,000 additional useful programs.

Plus—and a big plus this is for educators—you can also have access to programs developed for the Commodore PET,® as it uses the same BASIC language as the Commodore 64.



**WHY DID THE 64 COME FROM COMMODORE AND NOT SOMEBODY ELSE?
BECAUSE WE MAKE OUR OWN CHIPS.**

Commodore is one of the few companies that design and manufacture their own chips. So, unlike other computer companies that have to buy their chips, when Commodore wants to alter

a design or create a new one, their designers and engineers work hand in hand. The result: a lot more computer for a lot less money.



CYBORG - 64 GAZZETTE

**OH, BY THE WAY, THE 64 JUST SO HAPPENS
TO BE THE MOST BRILLIANT GAME MACHINE YOU CAN BUY.**



With the 64, not only will you have an amazing array of terrific games (just a few are pictured here), but what's really amazing is how you'll see them. With a variety of colors that's never been offered

before, with a full range of sound, and with a resolution that truly rivals arcades.

Since the 64 is a true computer, you can actually invent your own sophisticated (or unsophisticated) games.

WHAT DOES THE COMMODORE 64 DO? WHAT DO YOU WANT IT TO DO?

Whether you're in business and want a personal computer for spreadsheet calculation or word and text processing or mailing lists or data storage and retrieval....

Or whether you're a musician looking for a music

synthesizer (or a beginner who wants to learn how to play one)....

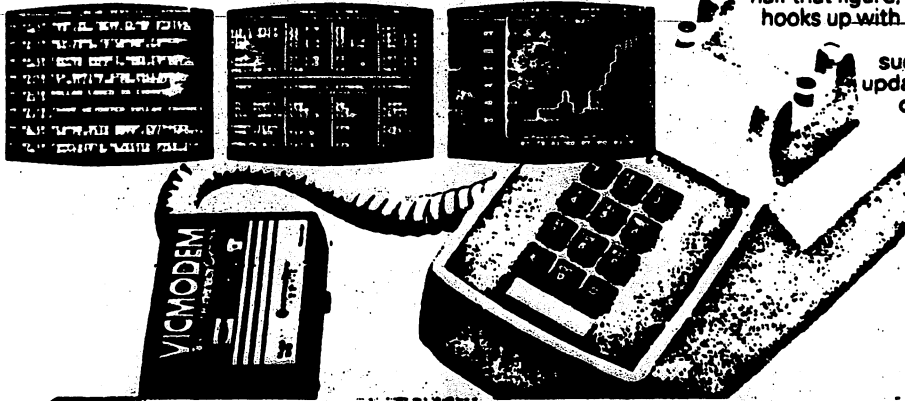
The 64, quite simply, can do almost anything you want it to. And all with graphics that have an incredible resolution.

FOR ABOUT \$100 EXTRA, THE COMMODORE 64 CAN GET INFORMATION AND PROGRAMS FROM MULTI-MILLION DOLLAR COMPUTERS.

A modem is a device that connects your computer to your phone. Telecomputing, they call it. They used to also call it

expensive. A personal computer and modem would go for at least \$1,500 and be judged "reasonable."

What happens when, for less than half that figure, the Commodore 64 hooks up with your telephone?



Just about anything, such as stock quotes, news updates, electronic mail and computer shopping—to name a few. In addition, Commodore has its own information network accessible through CompuServe.

*A trademark of CompuServe Inc and M&R Books Company



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CYBORG - 64 GAZZETTE

PG 9

**THIS CONCLUDES THE 1ST. ISSUE
OF CYBORG 64 GAZETTE.**

**IN FUTURE ISSUES I WILL
TRY TO PUBLISH FIXES FOR
ERRORS IN THE 64 USERS GUIDE
AND REVIEW SEVERAL PRODUCTS.
IN THE MEANTIME, FEEL FREE
TO CALL ME EVE.S 'TILL 10 PM.
WITH QUESTIONS OR ORDERS.**

**WHEN YOU BUY YOUR 64 FROM ME, YOU GET A FREE
BONUS PERIPHERAL OR DELUXE PROGRAMMER'S GUIDE
PLUS MY HOTLINE # AND PERSONAL SUPPORT—**

**BENN DUNNINGTON
939-2274**