Commodore 64

Hardware/Software

Commodore 64 Introduces

The "All Purpose" Commodore 64 is the complete computer for education, home or small business applications. Supported by quality peripherals and a full range of software, the Commodore 64 is perfect for the family. No other computer can offer such variety of uses and applications at such an affordable price.
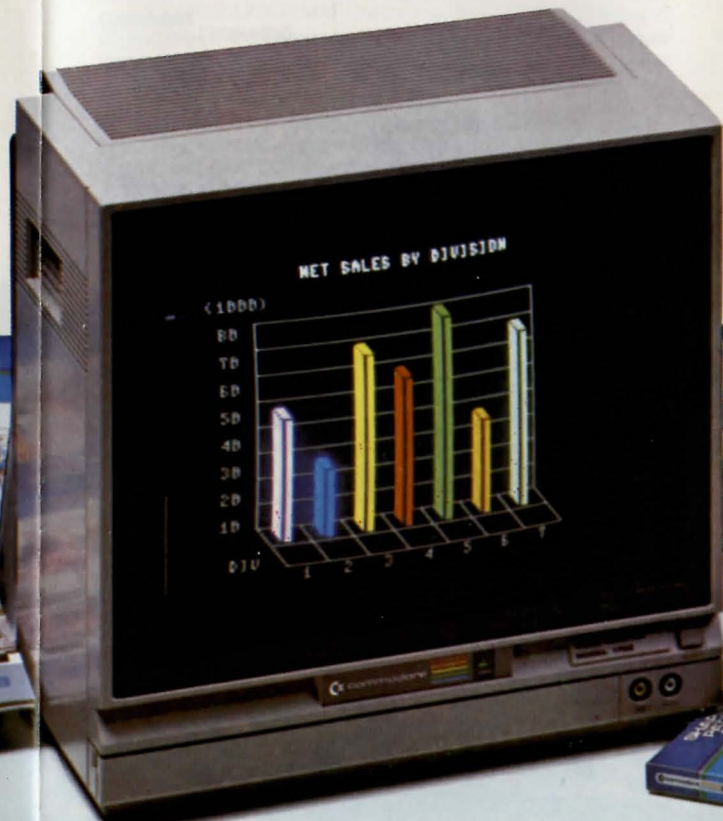
Compare the features and it becomes obvious why Commodore sells more computers than Apple & IBM combined. With the Commodore 64... It's not how much you pay... It's how much you get!

C-1702 Monitor

The new Commodore 1702 colour monitor gives you a superior colour picture that enhances your computing experience. This monitor is simple to hookup to your computer and is easy to adjust.

C-1541 Disk Drive

The 1541 Disk Drive is an external 5¼ inch floppy diskette recorder and player, offering high-speed and capacity for programs and data. It is an intelligent device, containing its own microprocessor, RAM, ROM, and operating systems software for faster speed of through-put and memory efficiency in the computer.

NET SALES BY DIVISION

Commodore 64

The Commodore 64 is a full powered microcomputer system suited for business, home and educational use. All interface capabilities are built-in to allow system growth easily and inexpensively.

MPS 801

The MPS 801 is a high quality, dot matrix printer compatible with the Commodore 64, +4, C16 and VIC-20. Capabilities include upper and lower case letters, graphics printing and a 50 character per second speed. The MPS 801, an affordable dot matrix printer to complete your Commodore computer system.

Commodore 64 S
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Programming Aids

- **ASSEMBLER 64** For experienced Assembly language programmers. Create, assemble, load and execute 6500 series Assembly language code. Macro assembler. Two machine language monitors. Editor and loaders. Support routines. User manual. **(Diskette)**

- **SIMON'S BASIC** Expands Commodore BASIC with 114 commands such as RENUMBER and TRACE, plus graphics commands. Programmers and the novice alike love it! A must for the serious Commodore user. **(Cartridge)**

- **SUPER EXPANDER 64** Easy graphics and music. Draw points, lines, arcs, circles, ellipses, polygons. Create more sprites. Easy music programming. Combine text and graphics. Adds 21 special commands to BASIC. **(Cartridge)**

- **PETSPEED 64** A BASIC compiler which will transform most BASIC programs into smooth, fast-running professional programs. PETSPEED 64 will make some programs run up to 40 times faster. **(Diskette)**

- **VANILLA PILOT** A simple, easy-to-learn programming language designed for the person who wants to learn programming at home. Uses turtle graphics commands to make learning both easy and fun. Colour and sound commands are also included. **(Diskette)**

Educational Programs

- **LOGO** (Ages 6 and up) We believe this version of Terrapin LOGO is the best, most powerful version of LOGO on any home computer. Includes sprite graphics, sound commands, turtle graphics. 400-page tutorial included. Available in English and French. **(Diskette)**

- **CHILDSPLAY** (Preschoolers) Children learn counting, the alphabet and usage of the joystick in LETTERS, SHAPES AND NUMBERS. A second package, MATCH'EM/COPYCAT, teaches children to recognize similar shapes, colours and sizes and helps develop memory recall. **(Diskette)**

- **EDUKAT MATH SERIES** PRIMARY MATH (ages 4 - 9) - JUNIOR MATH (ages 8 - 14). A special concept in child education created by professional educators in Canada. Students receive home tutoring with the touch of a button. Edukat provides interactive learning and a report card after each program. Addition, Subtraction, Multiplication and Division are covered in both levels with PRIMARY MATH also covering Patterns, Sorting and Counting and JUNIOR MATH including Decimals, Graphing and Geometry. **(Diskette)**

- **COMPUQUIZ** This is the software package that asks the questions everybody wants to answer. It's the game that tests your mental mettle about General Interest, Science, Sports and History. **(Diskette)**

- **PILOT** (12 and up) A special language that helps "nonprogrammers" design computerized quizzes and drills. For teachers, parents and students. **(Diskette)**

- **INTRO TO BASIC/1** Includes a disk which contains 17 programs, a 150 page manual and a template for drawing flowcharts. This program is an instructional guide that teaches the fundamentals of programming in BASIC while assuming that the user has no previous knowledge of programming. **(Diskette and Cassette)**

- **GORTEK & THE MICROCHIPS** (Ages 6 to 12) A fun way to teach young people how to program in BASIC. Help Gortek teach the Microchips to program the computer before the Zitrons attack. **(Diskette and Cassette)**

- **COMMODORE EDUCATIONAL PUBLIC DOMAIN PACKAGE**
Consisting of over eight hundred programs and contained in two binders with a descriptive catalogue, this package is sold at the cost of materials alone since all programs are in the public domain and may be copied at will. **(Diskette)**

Distributed by: Aurora Software Inc.
P.O. Box 1394
Haileybury, Ontario
P0J 1K0

Business/Productivity Software

- **EASY SCRIPT 64** Our best wordprocessor. Displays 764 lines by 40 characters. Prints more than 130 columns. Global/local search/replace/hunt/find. Super/subscripts. Insert/delete characters, lines, sentences, paragraphs...much more. Works with EASY SPELL 64. **(Diskette)**

- **EASY SPELL 64** Don't misspell it...EASY SPELL IT...with this automatic spelling checker. Includes 20,000 word Master Dictionary...plus...your own 10,000 word vocabulary. Works with/requires EASY SCRIPT 64. **(Diskette)**

- **CALC RESULT** Electronic spreadsheet on convenient plug-in cartridge. Colour bar graph feature. Displays or prints up to 254 rows by 64 columns. Calculates and edits entries automatically. Includes colour graphic capability. A "must" for budgeting, forecasting and calculation. From Handic software. **(Cartridge)**

- **THE MANAGER** Flexible, multi-purpose database manager lets you design your own computerized reports and files for home or business. Address files, mailing lists, project status, investments...4 built-in applications, or design your own. Powerful arithmetic capabilities. **(Diskette)**

- **EASY MAIL 64** Easy to use mailing list program. Use with Commodore printer to create address labels and lists for home or business purposes. Club mailings, membership lists, Christmas lists, direct mail uses. More. **(Diskette)**

- **MAGIC DESK—TYPE & FILE** Now you can type, file and edit personal letters and papers—without learning any special commands! All MAGIC DESK commands are PICTURES. Just move the animated hand to the feature you want to use (like the TYPEWRITER) and you're ready to go. **(Cartridge)**

BOOKKEEPER 64 ACCOUNTING SERIES

An on-line system that allows for up to the minute financial statements. A completely bilingual system developed specifically for the Canadian businessman. The series consists of the following four modules:

- **RETAIL ACCOUNTING/GENERAL LEDGER** 900 chart of accounts. 18 ledger classifications. 1800 transactions. Entry Journals consist of General, Adjustment, Cash Receipts and Cash Disbursements. Detailed Journal reports. Trial Balance, Profit and Loss, Balance Sheet. **(Diskette)**

- **ACCOUNTS RECEIVABLE** 250 customer accounts. 500 active customer transactions. Entries are made to the Sales Journal or Invoicing. Reports include month end statements and aged receivables. On-line posting to G/L accounts. **(Diskette)**

- **ACCOUNTS PAYABLE** 100 vendor accounts. 500 transactions. Entries are made to the Purchasing Journal. Reports include aged payables and invoice listing. On-line posting to G/L accounts. **(Diskette)**

- **PAYROLL** For firms with 20 employees or less. Automatic calculations of employees' earnings including Federal/Provincial/U.I.C./C.P.P. and Q.P.P. deductions. Maintains yearly records for each employee. Full reports. Features printing of cheques, T4's and TP4's. **(Diskette)**

NOTE: Retail Accounting/G.L., A/R and A/P modules are sold as one package.

Software for your most ~~puting needs.~~

■ **VISIBLE SOLAR SYSTEM** (Ages 7 and up) Authentic, astronomer-tested journey through the solar system. Tour the planets Earth, Mars, Jupiter and Saturn as well as asteroids, comets and meteors. Planet fun for space buffs! **(Cartridge)**

■ **NUMBER NABBER/SHAPE GRABBER** (Ages 6-12) Two learning games in one. Builds arithmetic and shape identity skills. Lively music and sound effects make this a favorite. **(Cartridge)**

■ **EASY LESSON/EASY QUIZ** (Teachers) Create your own lessons and quizzes using the power of the computer. **(Diskette and Cassette)**

American Educational Computer Software

■ **MATCHMAKER * SERIES** Based on the principle of matching words and phrases in each content area. Topics covered include: Vocabulary, Grammar, Spelling and Geography. **(Diskette)**

■ **EASYREADER * SERIES** Students practice and improve reading skills with sound, colour, graphics and animation being skillfully employed. Topics covered include: Sounds, Words and Reading Comprehension. **(Diskette)**

*Trademark of American Educational Computer, Inc

Music

■ **MUSIC COMPOSER** Create, play and save your tunes easily. Simulates up to 9 instruments. Notes appear on screen. Play your keyboard like a piano. **(Cartridge)**

■ **MUSIC MACHINE** Play piano or organ melodies and percussion rhythms together. Music staff shows notes on screen. Vibrato, tempo and pitch controls. **(Cartridge)**

Arcade

■ **INTERNATIONAL SOCCER** (Gold Medallion Game) As close to real soccer as you can get without putting on cleats! Realistic player and ball movement highlight this stunning version of the most popular sport in the world. **(Cartridge)**

■ **JACK ATTACK** (Gold Medallion Game) Combines cartoon animation with strategic challenge. 64 different screens. A Commodore original, rated a "must-buy" game by Electronic Games Magazine. **(Cartridge)**

■ **AVENGERS** Destroy attacking aliens with laser cannons as you dodge their bullets. Classic arcade action. Multi-speed attacks. **(Cartridge)**

■ **FROGMASTER** Unique sports challenge. Train frogs to play football and rugby. Over 100 variations. Play against computer, friend or yourself. **(Cartridge)**

■ **JUPITER LANDER** Space landing simulation. Horizontal/-vertical thrust. Softland scoring. Joystick control. **(Cartridge)**

■ **LE MANS** Multi-obstacle road racing at its best. Arcade action and graphics. Night, water, ice and divided highway hazards. **(Cartridge)**

■ **PINBALL SPECTACULAR** Real pinball action and thrills. Sound you won't believe. Chutes, lights, bumpers and more. **(Cartridge)**

■ **RADAR RAT RACE** Beat the maze. Eat all the cheese. Beware of deadly cats/rats. Cartoon action for all ages. **(Cartridge)**

■ **STARPOST** Protect the Star Post from waves of invaders. 3 levels of skill. 99 levels of action. **(Cartridge)**

■ **STAR RANGER** Fight your way through hordes of space enemies. Avoid asteroids and land safely. Superb graphics combined with intriguing strategy. **(Cartridge)**

■ **SUPERSMASH** Racquetball arcade classic. 3 games in 1. Many skill levels make this game a smash hit. **(Cartridge)**

■ **TOOTH INVADERS** Arcade action teaches good dental care. Beat D.K. at all 9 levels. **(Cartridge)**

■ **DRAGONSDEN** Arcade style excitement in this Commodore original. Battle giant spiders, bats and the dragon in this contest of skill and reflexes. 3 levels. **(Cartridge)**

Bally Midway

A special home version of the Bally Midway Arcade Game

■ **BLUEPRINT** Help J.J. build the "Ammo Machine" and save Loni. Parts are stored in a colourful maze of houses. Multi-skill and difficulty levels. **(Cartridge)**

■ **CLOWNS** Amazing action under the "Big Top". Clowns "pop" balloons for high-scoring, colourful acrobatic fun for all. **(Cartridge)**

■ **GORF** 4 Space action games in 1. Fly your fighter, defeat "The Empire". Multi-skill levels. "Best home version ever", according to Creative Computing. **(Cartridge)**

■ **KICKMAN** Ride the unicycle and catch falling objects. Multi-skill levels. Excellent graphics and superb sound. Watch out! Don't fall! **(Cartridge)**

■ **LAZARIAN** 4 different screens. Multi-skill level space action. To rescue, evade obstacles and destroy the one-eyed leviathan. **(Cartridge)**

■ **OMEGA RACE** Fast space race action. Many skill levels. Avoid deadly mines as you eliminate droid forces. **(Cartridge)**

■ **SEAWOLF** The classic two-player sea battle. Torpedo PT Boats and Destroyers. Great graphics and sound. **(Cartridge)**

■ **WIZARD OF WOR** Fight your way through 25 mazes. Defeat the Wizard and his pets. Two player, multi-skill. Brilliant conversion of the popular classic. **(Cartridge)**

■ **SOLAR FOX** You're the pilot as you navigate your spaceship over a grid of colourful pulsating entities, using your laser to erase enemy lifeforms and other surprises. But be careful of the enemy fire or you'll be erased! Fast paced conversion of a BALLY MIDWAY original uses an unlimited number of levels and dozens of different patterns. **(Cartridge)**

Strategy Adventure

■ **DEADLINE™** Find the murderer and solve the mystery all in 12 hours. Inspector, casebook and evidence included. **(Diskette)**

■ **STARCROSS™** Travel through the mystery ship. Meet aliens friend and foe. Face the challenge of your destiny. Map of galaxy included. **(Diskette)**

■ **SUSPENDED™** Awake in 500 years. Solve varied and original puzzles to save your planet from total destruction. **(Diskette)**

■ **ZORK I™** Fantasy adventure in a dungeon. Find all the treasure and escape alive. **(Diskette)**

■ **ZORK II™** This dungeon adventure dares you to find treasure and secret places and still survive. **(Diskette)**

■ **ZORK III™** The ultimate dungeon test. Discover the Dungeon Master's secret purpose and come out alive. **(Diskette)**

Infocom Adventure Series is a registered trademark of Infocom, Inc

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Application Software

■ **CALC RESULT - EASY**   This electronic spreadsheet displays or prints up to 254 rows x 64 columns. Calculates and edits entries automatically. Includes HELP functions and an explicit instruction manual. Simple to use and easy to learn. **(Cartridge)**

■ **CALC RESULT - ADVANCED**   Similar to EASY version but with added features such as 3-dimensional presentation with up to 32 pages and colour graphics capability. The ADVANCED version allows for more sophisticated spreadsheet work. **(Cartridge and Diskette)**

■ **FORTH 64**   A powerful operating system suitable for business applications as well as process control environments. **(Cartridge)**

■ **TOOL 64**   A powerful programming and debugging aid including numerous new commands making it possible to write more advanced programs using much less code. **(Cartridge)**

■ **DIARY 64**   Create your own data base and let your 64 keep track of telephone numbers, addresses, appointments, birthdays and schedules. **(Cartridge)**

■ **STAT 64**   Simplifies your work with graphic displays and statistical commands for calculations of mean value, standard deviation, variance, etc. **(Cartridge)**

■ **GRAF 64**   Study complicated mathematical functions by converting solutions of equations into graphical analysis. **(Cartridge)**

Entertainment Software

■ **BRIDGE 64**   A bridge game that offers a helping partner to the novice player or an expert challenge to the advanced player. **(Cartridge)**

■ **SPACE ACTION 64**   Protect Theta-16 from invaders trying to rape the planet of its rich mineral content. Superb graphics and sound effects. **(Cartridge)**

Hardware Accessories

■ **VIC SWITCH**   A multi-user system allowing you to connect up to 8 C-64's with all CPU's having access to the same disk drive and printer.

Magazines & Books

■ **COMMODORE MICROCOMPUTER MAGAZINE**   In-depth information. Focuses on business, art, education, and music. "Type-in" programs, news and reviews. For all Commodore computer users.

■ **COMMODORE POWER-PLAY MAGAZINE**   The lighter side of home computing. Regular features cover games, user groups, reviews, home applications, new products, programming.

■ **COMMODORE SOFTWARE ENCYCLOPEDIA**   A catalogue of over 1000 software programs, books and interfaces from Commodore and third parties.

■ **COMMODORE 64 PROGRAMMERS REFERENCE GUIDE**   A comprehensive guide to programming all aspects of the 64 computer.

■ **MAGIC VOICE SPEECH MODULE**   Enjoy your Commodore 64 even more with this realistic voice synthesizer. Features include simultaneous voice and music generation, simultaneous voice graphic actions, and 235 words built-in with additional vocabulary available from optional cartridges or disks. The most realistic voice synthesizer on the market.

Commodore, years ahead of the competition.

How to become computer literate.

Commodore 64 Product Comparison

FEATURES	COMMODORE 64	APPLE IIe	IBM PC Jr	ATARI 800XL
Built-in Memory	**64K**	64K	64K	64K
Typewriter Keyboard	**YES (66 Keys)**	YES (62 Keys)	"CHICKLET" (62 Keys)	YES (61 Keys)
Upper/Lower Case	**YES**	YES	YES	YES
Programmable Function Keys	**YES**	NO	YES	NO
Audio				
Polyphonic Tones	**YES**	NO	YES	YES
Music Synthesizer	**YES**	NO	NO	NO
Hi-Fi Output	**YES**	NO	YES	YES
Video				
TV Output	**YES**	EXTRA COST	EXTRA COST	YES
Video Monitor Output	**YES**	YES	EXTRA COST	YES
Input/Output				
Intelligent I/O Bus	**YES**	NO	NO**	YES
RS-232 Communications	**YES****	EXTRA COST	YES**	EXTRA COST
"Smart" Peripherals	**YES**	NO	NO	YES

** —Requires an adapter to operate.

Commodore Information Network.

The Commodore Information Network (CIN) is a user
friendly telecommunications service dedicated to the
special interests of Commodore users. Telecommu-
nications services are designed to disseminate and
exchange information using computers that are
accessed with a modem via standard telephone
lines. The Commodore VICMODEM, AUTOMODEM,
or any compatible modem provide the key to the
world of telecommunications and make your VIC 20
or Commodore 64 capable of "talking" to the Com-
modore Information Network and other computers.

Accessed through the nationally-known
CompuServe™, and other computers. Information
Service (CIS), CIN consists of:

A. A Menu-Driven DISPLAY AREA
B. A HOTLINE for Technical Support
C. Three (SIG) SPECIAL INTEREST GROUP Bulletin
Board sections

You have easy access to all these areas through
the CIN main menu.

CompuServe is a trademark of CompuServe, Inc. and H&R Block Co.

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