

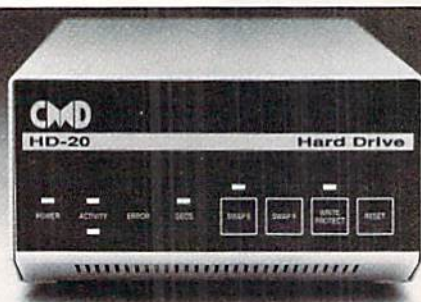
# CMD

## Your Memory Location

# CMD

# HD Series Hard Drives

### THE NEW STANDARD IN 64/128 HARD DRIVES



The CMD HD series of hard drives for the Commodore 64 and 128 have been designed to provide the highest level of compatibility and performance. These drives incorporate the latest in SCSI technology with advanced circuit design to bring you the most features at an affordable price. CMD drives allow you to achieve the higher level of productivity you require to get the most from your existing software - today!

- Compatible with GEOS™, CP/M™, BBS programs and most commercial software.
- 3 1/2" SCSI technology for quiet reliable operation in a compact case about the size of a 1581.
- Built-in Commodore compatible DOS responds to all 1541, 1571 and 1581 commands.
- Up to 254 partitions in sizes ranging from 256 blocks to 65,280 blocks each.
- Built-in real time clock automatically time and date stamps all files.
- Compatible with Amiga, IBM and Macintosh systems for convenient upgrading.
- Connects easily to the serial bus, leaving ports open for use with cartridges, REU's and RAMLink.
- Supports all serial and JiffyDOS protocols, plus parallel interface for connection to RAMLink.
- Easy-to-use utilities allow backing up and copying files to and from 1541, 1571, or 1581 drives.
- Supports an unlimited number of true subdirectories which share all blocks within a partition.
- Built-in Q-Link software allows easy access to America's most popular 64/128 online service.
- External power supply avoids overheating and wear on computer power supply.
- Includes standard SCSI port and all utilities needed to expand the system (up to 4 Gigabytes).

HD-20 \$599.95 • HD-40 \$799.95 • HD-100 \$1149.95 • HD-200 \$1499.95

**SD Series SCSI Hard Drives** - Add-on drives for the CMD HD or any other SCSI interfaced computer such as the Amiga™, Macintosh™ or IBM™. SD series drives come mounted in our sturdy steel case and include an external power supply and connecting cable. SD drives also come equipped with a second SCSI port to allow chaining of additional SCSI devices.

SD-20 - \$449.95 SD-40 - \$549.95 SD-100 \$899.95 SD-200 \$1299.95

**Lt. Konnector** - Increase the performance and compatibility of your LTK and CMD HD. The Lt. Konnector allows you to connect the two drives for greater capacity. \$19.95 (\$14.95 with purchase of any HD or SD drive)

**JiffyMON** - A high performance Machine Language Monitor designed to work in conjunction with JiffyDOS. JiffyMON is loaded with useful features and can be used without exiting from BASIC. It also has a built-in drive monitor for easy access to drive memory. JiffyMON comes complete with a well documented user's manual and offers features just not found in other machine language monitors. \$19.95 + \$1 S/H

**Serial Cables** - 30' high quality serial cables. \$3.95 + \$1 S/H

### 1541-II/1581 Replacement Power Supplies

These switching power supplies are the same heavy duty, cool running units found on the HD series hard drive and are much more reliable than the supplies issued by Commodore as standard equipment. They are also repairable and reasonably priced. \$49.95 + \$6.00 S/H

- Supports CMD HD Series Hard Drives and RAMLink.
- 1581 support. Simplified partition selection.
- Quick printer output toggle. No more complicated command sequences.
- Adjustable sector interleave. Increase performance on hard-to-speedup software.

## JiffyDOS™ Version 6.0

### The Ultimate Disk Drive Speed Enhancement System

JiffyDOS 64 System - \$59.95 JiffyDOS 128 System - \$69.95

Each system includes computer Kernel ROM(s) and one drive ROM.  
Please specify computer and drive model numbers and serial numbers when ordering.

Additional Drive ROMS - \$29.95 each.

- Ultra-fast multi-line serial technology. Enables JiffyDOS to outperform Cartridges, Burst ROMs, Turbo ROMs, and Parallel Systems - without any of the disadvantages.
- Speeds up all disk operations. Load, Save, Format, Scratch, Validate, access PRG, SEQ, REL, USR & direct-access files up to 15 times faster!
- 100% Compatibility Guarantee - Guaranteed to work with all Software and Hardware
- Uses no ports or extra cabling. ROMs install internally for speed and compatibility.
- Easy Installation. No experience or special tools required for most systems.
- Supports C64, 64C, SX64, C128, C128D, 1541, 1541C, 1541-II, 1571, 1581
- Can be completely switched out. Returns you to a 100% stock configuration
- Built-in DOS Wedge. Plus 17 additional commands and convenience features.
- Built-in two drive file copier. Supports all file types and drive types.
- REU support. Fully supports Commodore REUs (RAM Expansion Units) under RAMDOS.
- Enhanced text screen dump. Auto-recognition of uppercase/graphics & lowercase.
- Redefinable 64-mode function keys. Easily redefine the keys to suit your specific needs.

### • SUPER SAVINGS COUPON •

**CMD HD-40 - \$750**  
**CMD HD-100 - \$1100**  
**CMD HD-200 - \$1400**

To receive these low prices (US & Canada), send in this coupon with your order. For ordering, shipping and credit card details see the adjoining box. Offer expires 12/31/90. Foreign orders add \$100.00.

### Ordering Information and Shipping Charges

HD and SD Hard Drives: Continental US: \$25.00 per drive (UPS ground), \$35.00 (2nd-Day), \$45.00 (Next-Day). Canada: \$50.00 (Airmail). COD to U.S. only \$4.00 add'l charge. Foreign prices: 20Mb, \$699.95, 40Mb, \$899.95, 100Mb, \$1249.95, 200Mb, \$1599.95 Postage: \$35.00  
JiffyDOS & Lt. Konnector: Add \$4.50 per order (UPS ground), \$8.50 (2nd-Day Air), plus \$4.00 for APO, FPO, AK, HI, and Canada, or \$14.50 for overseas orders. No additional shipping if ordered with any hard drive. COD's to US only - add'l \$4.00  
Tax: MA residents add 5% sales tax.  
Terms: We accept VISA, MasterCard, Money Orders, C.O.D., and personal checks (allow 3 weeks for personal checks to clear). Credit card orders provide the following: Card holder's name, billing address, home/work phone, card number, expiration date and issuing bank.

• WE VERIFY ALL CREDIT CARD INFORMATION AND PROSECUTE INDIVIDUALS ATTEMPTING TO PERPETRATE FRAUD •

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advance orders  
Call for details**

# RAMLink™

**Power-backed REU interface and  
expandable RAM Disk**



### What is RAMLink?

RAMLink is a multi-purpose hardware interface designed to overcome the limitations of existing RAM expansion units (REUs). RAMLink delivers the performance and compatibility lacking in past REU's by incorporating CMD's proprietary RL-DOS and advanced features into a compact unit which allows most software to utilize Commodore 1700 series REU's, GEORAM, PPI's RAMDrive, and CMD's RAMCard as if it were a disk drive. Optional RAMCard installs internally and can be used alone or in combination with the storage of an external REU for a maximum capacity of 16 Megabytes.

- Supports Commodore 1700, 1764, 1750, Berkeley Softworks GEORAM and PPI's RAMDrive.
- Optional RAMCard allows RAMLink to be used as a RAM Disk with or without a separate REU. User Expandable from 1 Mb to 16 Mb using standard SIMMs.
- Pass-thru connector allows use of cartridge port peripherals such as utility cartridges.
- Reset, Disable, Direct Access mode and SWAP functions are all standard features.
- RAM port provides power back-up to REU's.
- Parallel port provides ultra-fast data transfer when connected to CMD HD series hard drives.
- Optional battery backup unit protects against power outages.

RAMLink (w/out internal RAM)	\$149.95	RAMCard w/ (1 Mb)	\$149.95
RAMLink w/ RAMCard (1 Mb)	\$259.95	RAMCard w/ (2 Mb)	\$239.95
RAMLink w/ RAMCard (2 Mb)	\$349.95	RAMCard w/ (3 Mb)	\$329.95
RAMLink w/ RAMCard (3 Mb)	\$439.95	RAMCard w/ (4 Mb)	\$419.95
RAMLink w/ RAMCard (4 Mb)	\$529.95	1 Mb SIMM (User Installed)	\$100.00
RAMLink Battery back-up unit	\$24.95	Parallel Cable for CMD HD	\$14.95

Shipping: US: \$10.00 (UPS), \$18.00 (2nd day), COD add \$4.00 Canada \$20.00

### POWERFUL FEATURES MAKE RAMLINK AND RAMDRIVE USEFUL AND AFFORDABLE

- Allows vast amounts of commercial software, including GEOS, to access your REU as a high-performance RAM Disk.
- RL DOS performs up to 20 times faster than Commodore RAMDOS and provides full DOS command compatibility.
- Up to 32 1541/1571/1581 emulation or Native mode partitions.
- Separate power supply eliminates RAM data loss when turning off the computer; battery backup protects against power outages.
- Includes built-in JiffyDOS Kernal routines for high-speed disk access with JiffyDOS equipped disk drives.
- Software for copying files and complete disks included.

### What is RAMDrive?

RAMDrive is a fresh new approach to RAM expansion for the Commodore 64 and 128. RAMDrive is a self contained battery backed cartridge with capacities of 512K, 1 Mb and 2 Mb. RAMDrive incorporates RL-DOS, an ultra-fast, easy-to-use operating system similar to the HD-DOS found in CMD HD series hard drives. This proprietary DOS allows various types of partitioning along with compatibility and speed unsurpassed by previous RAM Expansion systems.

- Compatible with vast amounts of commercial software as an ultra-fast RAM disk.
- RL-DOS operates up to 20 times faster than Commodore's RAMDOS.
- Power back-up eliminates the loss of files upon powering down the computer while the battery protects data during transportation or power outages.
- Available in 512K, 1 Mb and 2 Mb models at incredibly low prices.
- DOS includes JiffyDOS Kernal routines for high speed disk access with JiffyDOS equipped disk drives.
- Software for copying and GEOS compatibility included.
- Reset switch allows computer reset without losing data in RAMDrive.
- Disable switch allows RAMDrive to be disabled at any time.

RAMDrive w/512K \$149.95      RAMDrive w/1 Mb \$199.95      RAMDrive w/2 Mb \$289.95

Shipping: US: \$7.50 (UPS), \$14.00 (2nd day), COD add \$4.00, Canada \$15.00. See Ordering and Shipping information elsewhere in this ad for credit card information.

# RAMDrive™

**HIGH PERFORMANCE BATTERY  
BACKED RAM DISK CARTRIDGE**

Designed and manufactured by  
**PERFORMANCE  
PERIPHERALS Inc.**



# CMD

## Creative Micro Designs, Inc.

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