Dues includes membership and 12 monthly issues of our fine newsletter "The ADAMLAND News", with Tech Updates, Hints & Kinks, Games, Graphics, Programming, information on Hardware, Software, Peripherals, New Products, Reviews, litches & Gremlins, CONSIGN-A-BIT Wanted and For SALE, Question & Answer Section, Friend Section, and, sometimes, Dr. Mumbles Microchip's Corner (He Who Is The World's Greatest Authority On Computering). Letters requiring an answer must have 44 cents or equivalent for postage, or money order to cover. ALL information is now included in each issue of the newsletter, with the exception of our software catalog, which is available to our members at a nominal cost, and which contains thousands of selections.

The only persons on our regular mailing list, and receiving special offer mailings are our members. We sell only to members. Our buying power is great. Members benefit from news, exchange of ideas, ability to purchase at discount, AND to have their questions answered on ADAM, AMSTRAD, IBM Compatible related problems.

U.S Membership & 12 monthly issues	$20.00
APO's, FPO's, GPO's, PUERTO RICO, CANADA, MEXICO,	$25.00
(Membership & 12 monthly issues)	
FOREIGN Membership & 12 monthly issues by regular mail,	$30.00
By AIR MAIL: Write Us.	

US FUNDS OR THE EQUIVALENT, FOR ALL THE ABOVE

ADDRESS:

*** ADAMLAND***
795 Garfield
Lander, WY-USA
82520

Editor: Buck A. Rogers

PLEASE READ EACH PAGE-ARTICLE-NOTICE-EACH MONTH! Things Change!!

THIS LETTER GOES TO EACH OF THE 50 UNITED STATES, ALL PROVINCES OF CANADA, PUERTO RICO, THE VIRGIN ISLANDS, GUAM, PANAMA, MEXICO, JAPAN, CHINA, KOREA, TAIWAN, NEW ZEALAND, AUSTRALIA, GREENLAND, ICELAND, ENGLAND, SCOTLAND, IRELAND, SWEDEN, HOLLAND, WEST GERMANY, BELGIUM, FRANCE, ITALY, SWITZERLAND, ISRAEL, EGYPT, SAUDI ARABIA, KUWAIT, DOMINICAN REPUBLIC, COSTA RICA, HONDURAS, PANAMA and others.

Published sometime after the first of the month, depending upon fishing season, small game hunting season, large game hunting season, shooting range practice, hives, arthritis, heart problems, writer's cramp, rain, sleet, snow, hail, wind, drought, power bumps, power outages, possibility of lightning strikes, actual strikes, lack of sleep, lack of time, but certainly not lack of dedication to the cause of the computer user.

We encourage articles from both our members and the general public. SEE OUR ONGOING CONTEST! If you would like to see your articles in print, send them to us with written permission to print. All programs, games, graphics, etc., sent us must be written on standard 8 1/2 by 11 paper, on disk or data pack.

ADVERTISEMENTS: If you wish to place an ad, send us a copy of the ad, or tr us to format it ourselves. We encourage pre-printed ads, to be used as inserts, but page size cannot exceed that of the newsletter. Extremely low rates! Helping you, helps us.

REMEMBER, ADAM, AMSTRAD and IBM-COMPATIBLE USERS! THIS PUBLICATION IS DEDICATED TO YOU! TELL US WHAT YOU WANT. We will do our best.

The ADAMLAND News is a publication of the INTERNATIONAL COMPUTER USERS GROUP. The GROUP is a producer of software, hardware and special devices to be used with many computers.

Neither The ADAMLAND News, nor the INTERNATIONAL COMPUTER USERS GROUP, are connected in any way with any other manufacturer.

Product names mentioned in this publication are for reference and identification only, and ARE IN NO WAY INTENDED AS COPYRIGHT OR TRADEMARK INFRINGEMENT. We also give mention/credit to others whenever possible, and when we are certain where the credit belongs.

PRICES, SPECIFICATIONS AND OUR RULES OF OPERATION ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE, ITEMS MAY BE DROPPED FROM SALE OR PRODUCTION, RESTORED TO SALES OR PRODUCTION, WITHOUT NOTICE. NOT RESPONSIBLE FOR TYPOGRAPHIC ERRORS.

WE VALUE OUR MEMBERS, AND TRY SERVING THEM AS WE WOULD LIKE TO BE SERVED.

\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ E D I T O R I A L ////////////////////////

by Buck

This is the start of a new calendar year, so let us again wish all members
and others of the world:

A H A P P Y, H E A L T H Y, P R O S P E R O U S, N E W Y E A R

T o Y o u and Y o u r s

From all of us here at ADAMLAND

This is a time for the making of resolutions, and reflecting upon the
happenings, the happiness, or lack of it, the sins of commission as well
as the sins of omission, during the past twelve months.

In retrospect, we believe that we have done very well for our members,
under the existing circumstances. We slip up occasionally, but do our best
to keep this from happening. We are coming nearer to solvency, than in the
past three years, and will continue trying to get our heads above the
water, as it were.

We strive to do what is the best for the majority of our members, while
not ignoring the minority. We are constantly trying to find, and to fill
their needs, within the economic and practical limitations.

Our accomplishments are many, our shortcomings are few, and we will do our
best to minimize these.

We believe that we have done more for ADAM than any other group. We know
of no other group who has entrusted financial efforts any where near ours.
We know of no group which has produced or developed greater items for ADAM
than we.

Our resolutions for the coming year must now be combined, sine we no
longer support just ADAM, but AMSTRAD and IBM-Compatibles as well.

We do not, can not take all the credit ourselves, here at the HQ, but we
must say that without the help of you, and you, and you, our valued
members, and your support, it would not have been possible.

It will be our goal, as usual, to do our best by and for each computer we
support, and to add whatever material and services possible.

This we dedicate, to some of the finest people on this earth:

O U R V A L U E D M E M B E R S !

++++++++++++++++++++++++ G R O U P   N E W S ++++++++++++++++++++++++++++
by A. Suzuki

The Group meeting this month was a washout (oops! A snow-in) Yup, we were
snowed in with all the passes and roads closed. Snow Adam's apple deep to
a tall Arapaho. Not enough were present to make a quorum, and the only
visitors were people from this town, needless to say. Ennyhoo, (second
generation Japanese-American for ANYHOW, brotha), here is the latest:

As you may be aware, we were closed for a month, and Buck had two deaths
in his family, in rapid succession. He had to travel thousands of miles,
airline, had flights cancelled, got one round trip from Denver to Rapid
City S.D., and to Casper Wyoming, then back to Denver, without LANDING!
Ice, Packed snow and frozen fog were the reasons.

Buck added a new machine, dedicated to producing ADAM Digital Data Packs.
It is quite a thing. It makes (formats, or records and rewinds a standard
ddp) in less than two minutes! Cost? Quite a few yen, friends. He also
came up with a buffer which allows the use of two parallel printers, at
the SAME TIME! This will allow some printed outputs to be done in half the
time. These are two really needed devices, and will help us and our
membership immensely.

New software ordering forms will be sent out with each order of a catalog
disk, and more will be sent with each returned software order. Please l
THESE FORMS when ordering software. No signed form, NO SOFTWARE WILL BE
SENT, money will be returned. We need these forms to help protect us from
problems with public domain programs which may turn out not to be public
domain. It is difficult or well near impossible to tell, and with
thousands of programs, games, etc., we simply cannot devote the time
required to write about each program, disk or ddp, even if we knew where
to write. Help us to help you.

All the programs, etc., available on disk will now also be available on
our new ddp's, there will be an added charge of $4.95, over the disk price,
for programs on ddp. Our software catalog will be available on ddp, as
well as disk.

We are warranting that our new ddp's are at least as good as the blank
formatted ddp's furnished with ADAM. Those that sell for $7.95 in the
discount stores. We will soon be offering a special data only ddp, which
will hold not the standard 250 pages of double spaced data, but 375 pages.
This is the equivalent of more than both sides of a double sided double
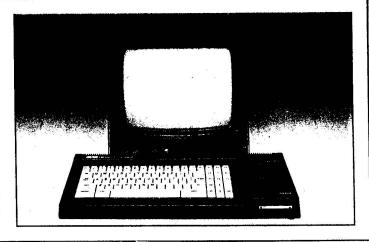density disk, all on one side.

We wanted to vote funds to help keep the K.A.U.G. afloat, but since a
quorum was not present, it could not be done. Buck donated $50.00 as
starter for a survival fund. Let's open some of those purses, and help
this good group. Send any donations to "ADAMLAND" K.A.U.G. Survival fund.
We guarantee every penny will be donated to them. Do it now!

AMSTRAD
CPC6128

The Amstrad CPC 6128 is the newest of the Amstrad CPC computers, as well as the Amsdos and CP/M operating systems used by the other computers the CPC 6128 comes with CP/M+ the advanced version of the most popular 8 bit operating system in the world.

Not only will the 6128 play games written for the CPC 464 and CPC 664, it will run all the famous CP/M business programs such as Dbase II and Wordstar.

In addition to the standard 64K Ram found in the Amstrad CPC 464 the CPC 6128 has a second bank of 64K ram which can be used by an addition to Locomotive Basic to store whole screens and strings.

General: This computer is a multi-purpose RGB or Monochrome computer, with many features standard, which are very costly on other machines. Read the following very carefully:

Specifications: Z-80 A processor running at 4 MHZ

RAM 128 K, upgradable to as high as 2+ Megabytes, with our memory upgrade board.

ROM 48 K of ROM containing BASIC, the operating system and disk extensions.

AY-3-8912 sound generator chip. 3 voice, 8 octaves.

DISPLAY	MODE 0	MODE 1	MODE 2
COLORS	16 from 27	4 from 27	2 from 27
Hor dots	160	320	640
Vertical	200	200	200
Characters	20	40	80

(will print up to 136 characters)

Graphics, with up to 27 colors. Computer Aided Design (CAD) with line color, block color, paint-in ability, all standard. You can actually compose up to five different screens, and overlay from two to five at once!

STEREO SOUND OUTPUT, music capability, mono speaker built in. Compose your own, play other music.

DISK DRIVE. One 3 inch drive built in, second drive optional, drive specifications:

Conforms to Hitachi-Panasonic standard. 12ms step rate, 30ms settling time.

Both sides of disk used, 180K per side, 360K total, 9 sectors per track, SS Double Density.

Uses both System Format, and Data Format.

Will accept added cassette recorder, in addition to Disk Drives.

CENTRONICS PARALLEL PRINTER OUTPUT. Epson Compatibles are ideal.

KEYBOARD: 74 keys, qwerty style, numeric keypad cursor, copy cursor, return, enter, caps lock, tab, escape, delete, clear, control, four directional keys, 10 function keys (F1 thru F0)

MONITOR 13 inch RGB 640 X 200 resolution, standard. 27 color capability.

EXTERNAL SOCKETS. 1 for added disk drive, 9 pin for joystick, 5 pin for cassette, Centronics Parallel Printer, and PCB edge connector for expansion slot, plus stereo socket.

Other additions, up to 256 additional 16K ROMS (THAT IS OVER 4 MEGABYTES OF ROM!)

MANY OTHER OPTIONS AVAILABLE! (Light Pen, Full stereo, others)

BUNDLED SOFTWARE and MANUALS: WORDSTAR DELUXE, AMSDOS, EASIAMSWORD, LOGO, CP/M 2.2, CP/M PLUS.

Utilities, HELP, Programming Utilities, Demonstration Pack, MICROSOFT MULTIPLAN, SUPERCALC 2, AMSTRAD USER'S MANUAL (approx 300 pages), Shows you just about everything this computer can do.

FAST! The AMSDOS word processor is the easiest to learn, and the fastest I have ever seen! This is a most marvelous computer, capable of right off-the-shelf operations that would require hundreds, if not thousands of dollars in other computers. The entire computer is easy to operate, easy to learn, capable of a great deal of complex operations without forking over a lot of money. An ideal computer choice for 80% of the computer users. We use two here at ADAMLAND.

Just check the listings, and see what each of the programs would cost you, and what a good 640 X 200 RGB monitor would cost! (middle 300's). Price, as above $695.00, LET'S TALK TRADE! WE WILL ACCEPT YOUR OLD ADAM, ACCORDING TO HOW IT IS EQUIPPED.

OUR NEW DIGITAL DATA PACKS

WHAT IS YOUR DATA WORTH ??

Our New DIGITAL DATA PACKS are specially prepared SONY HF (or equivalent) db+ types, of the highest quality, produced under ideal conditions on the latest ADAM dedicated equipment.

We believe these DDP's to be the finest available, anywhere, at any price.

FEATURES:

Hard, clear plastic outside box.(storage case).
Clear plastic cassette (you can see the quality).
Finest tape base available, low stretch factor, temperature resistant.
Newly developed magnetic particles for perfect, error free reproduction.
Lubricated surface, for long head life.
Grooved track, low friction roller tape guides.
Adhesive label for cassette, peel-easy type.
Additional directory listing card.

Warranted full LIFETIME, free replacement if product ever is defective!

We offer two preformatted types of "blank" DDP's:

        CENTER DIRECTORY, the most commonly used.
        RIGHT DIRECTORY, for recording SUPER GAMES, Looong programs.

All of our programs, utilities, games, etc, are furnished on these same packs, whenever possible.

Price of DDP's: $5.95 each, minimum order-6 (Sold to members only!)

(SPECIFY: CD or RD for directory type, mixing O.K.)

Further discounts available for quantity buyers (100 or more DDP's)

You may buy cheaper, you will not buy better!

As always, we strive to produce the very best, not the cheapest.

IT'S ADAMLAND FOR THE BEST "ADAM" PRODUCTS!

!!!!!!!!!!! ADAMLAND !!!!!!!!!!!

NEW PRODUCTS FOR UPGRADING THE ADAM COMPUTER

THE SUPERSWITCH: Pushbutton select from any combination, such as two computers and a VCR, to one monitor or TV. ADAM cable goes to switch, monitor cable supplied. Usable with more than one computer, work on one while the other is printing, or watch a "Z" rated movie from the VCR, all without changing cables! SS-3, $21.95 + $3.50 HIS, CONUS.

ARE-2 RESOLUTION ENHANCER: Works with Stand-Alone and Expansion Module. Improves readability of text, graphics & colors. Removes blurs, smears, ghosts, etc.. No internal connections. Includes Gold End cable. #ARE-2 $79.95, +$10.00, HIS.

DS-QUAD DENSITY "SUPER-DISK" DRIVES FOR ADAM: 800K per disk, 1.6 MB total. TWO drives in low, slimline cabinet, three surge protected outlets on rear for computer, etc.. Front mounted switch controls everything. Self contained power supply, plus documentation & software. Supports CP/M formats, ADAM DOS, another DOS can be added later. #DD-1.6-1, $599.95 + $15.00 HIS, CONUS

DESK MONITOR CABLE: Special "GOLD END" desk cable for ADAM, with gold plated ends for low loss, perfect connections. Stops clutter, helps keep picture clean. 3 ft, $6.95 + $2.50 HIS, CONUS. 6 ft, $9.95 + $3.50, HIS, CONUS

CLOCK-CALENDAR-DATE-IMPRINTER (temporarily discontinued, because of lack of member response. Everyone "SAID" they wanted it, we made it, then they didn't buy it!) If interested, WRITE!

ADAM RAM 64: ADAM compatible 64K Mem upgrade, installs in slot #3. Extends storage in SmartWRITER, adds to SmartBASIC, allows multitasking in ADAMCALC(printing while working). Very valuable for CP/M, indispensible for lengthy programs, speeds up ADAM. We think ours is best on the market! #AR-64, $69.95 + $5.00 HIS, CONUS

ADAM EXTERNAL POWER SUPPLY: Replaces ADAM's, which is contained in the printer, thus allowing the use of a different printer. Simple connection. #AEPS, $69.95, + $10.00 HIS, CONUS

BIG MEMORY: New 2 + MEGABYTE memory upgrade for ADAM! Supplied with 256K of 41256 C type chips, user upgradable to 2 + Meg. On the same card with INTERFACE CONNECTION FOR HARD DISK! With documentation, installation software, etc., #BM-2 Meg, $399.95, + $7.50 HIS, CONUS.

CABINET, POWER SUPPLY, EMI FILTER, etc., for all the ADAM board upgrades! Complete with power cable. Power supply on slide-in/out card! MULTI-FUNCTION EXPANSION CABINET, #MFEC, $119.95, + $15.00, HIS CONUS

LIGHT PEN FOR ADAM! Paint directly on screen, do graphics, logos, erase, select from menu with it, use as free-hand cursor, do design work, (CAD) make cartoons, make banners, signs, figures, etc. With interface, software, instructions. THREE MODELS! Economy, Master & Professional CORDLESS! #E-1, $89.95, #M-1, $169.95, #PC-1, $259.95. All + $5.00 HIS CONUS

NUMERIC KEYPADS FOR ADAM! For you heavy number users. Keypads adapted to ADAM, sit at the right side of ADAM keyboard. Convenient! We must install this for you!#NKP $49.95 + $7.50, HIS CONUS

VOICE RECOGNITION-RESPONDENT for ADAM! Talk to ADAM, as well as have him talk back! Find out all about the APPLE, EVE and the Serpent! WATCH NEWSLETTER! Should be ready sometime this fall, or early winter.

NEWWORD WORD PROCESSOR FOR ADAM! This will solve the deadly "ADAM BUMP" and the other shortcomings of ADAM's word processor. It is ALL HARDWARE, and once installed on the board, will be the "default program" coming up at "power-up". Extremely simple commands, just about as flawless as any program available, anywhere. Also ready this fall or early winter.

MORE NEW PRODUCTS

ADAM and ?? PRINTER BUFFER: THE FINEST AVAILABLE! Our latest printer buffer lets you dump up to 42 pages of text or graphic into the buffer, freeing the computer to do other work, while the printer does "it's thing". Panel indicators show amount of information in the buffer, and amount remaining as it is used. Has a BYPASS feature, allowing bypassing the buffer temporarily, printing new data from the computer, then returning to the information in buffer. Also has a COPY feature, allowing direct selection of the number of copies. A READY LED and a PRINTER ERROR LED, which will show if the printer is out of paper, "hung up" or not in the "ON" mode, or awaiting further command. This model can be used with either series or parallel dot matrix printers, NOT ADAM's OWN PRINTER, as well as MOST COMPUTERS! It CAN be used with the Coleco ADAM printer, but the cost is greater than that of a modern printer, and with the ADAM printer, there is no provision for graphics. Upgradable to 256K, or as high as 512K, by us. Upgrading not required for most purposes. Horizontal model currently being produced, 7 1/2 inches wide, 2 3/4 inches high, 4 1/2 inches deep. You may need series or parallel interface, and cables. We must know what computer you intend to use, as well as the printer type and model. The interfaces and cables are optional. Color & styling matches ADAM, IBM, etc.. #APB-2-64H, $179.95, + $10.00, HIS CONUS

HOW ABOUT A "LAP TOP" ADAM? Get this effect with a Looooooooooog cable, from keyboard to memory console. Just tell us how long. Think of the convenience! Sit in your easy chair, stretch out on the floor, or, work from your bed. NOW you do not need to be tied to ADAM by such a short umbilical cord. (example, 10 ft $10.95, + $2.50 HIS)

ADAM-IBM COMBINATION? You bet!! Now your ADAM can use IBM programs, with all the windowing, colors and multitasking abilities that combining the two systems will allow. You lose none of the capabilities of ADAM, gain a great deal from the ability to run MS-DOS. Each system can be run independently of the other if you prefer, since ADAM can respond to its own commands, and respond to MS-DOS commands as well! ALL your drives are immediately converted to respond to either ADAM commands or IBM commands!. Our true 16 bit (NOT 8/16) system is currently available, and operates at 6 Megahertz. The result is a machine which is FASTER than a TURBO-XT, and fast as a 6000 AT! You can use CP/M2.2, CP/M 3, (CP/M +) CP/M 80, or CP/M 86, BASIC, MS-DOS and many many others. 100% Text compatible with IBM, will run many IBM programs, except those which are hardware dependent. These will require software patches, or hardware additions. Includes piggy-back module, interface cable, motherboard, 256K RAM $599.95 + $15.00 HIS, Three manuals inc.

THIS CONVERSION UNIT IS NOT LIMITED TO BEING USED WITH ADAM! It can be interfaced with almost ANY computer which uses the Z-80 family of chip as the CPU. If you are interested in using it with another computer, WRITE, and we will tell you about it. Most are extremely simple to interface.) AMSTRAD is EASY!

MULTIFUNCTION EXPANSION CABINET: Newest shipment has arrived. Listen to these features: Ideal for IBM-ADAM, Big Mem, etc..
   Color: IBM Beige.......Neoprene feet......Ventilated front panel. Fully Fan cooled with ROTRON "WHISPER" fan....Heavy duty IBM style power cord......Cutout for system reset switch....Heavy duty front mounted Rocker Power switch, with panel indicators.... Front panel cutout, can be covered or used as desired.....Power supply on a slide-in edge connector card, heavy duty, supplies +5 v-5 Amps, -5 v-.1 Amp, +12 v-0.45 A and +24 v-2 Amps. Plenty of power for all the expansion boards we have now or planned. Plenty of room too.....Best EMI line filtering setup you are ever likely to see.....Flip two locking levers and power supply slides out (couldn't be easier). This is a truly professional piece, in looks, performance and adaptibility. Ideal for the person not dead sure what he/she will be using in the future. The beautiful box is here, what & how you put in it is up to you.

	#MFEC-1, $119.95, + $15.00 HIS, CONUS
Cabinet LESS POWER SUPPLY	#MFEC-1-LPS, $69.95, + $15.00 HIS CONUS
POWER SUPPLY ONLY	#MFEC-PS, $64.95, + $7.50 CONUS

(Makes an excellent power supply for ADAM, in case yours fails, or use it for many other projects. We can furnish easy conversion information for it to deliver other voltages) This is the finest power supply of its type we have ever seen. All the above come with detailed documentation, including both pictorial and schematic diagrams, repair info, if later needed, parts lists, where obtainable, crossover indices, etc. DO NOT DELAY ON THESE ITEMS! WE DO NOT KNOW IF WE WILL BE ABLE TO GET MORE! Comparable cost nearly $600.00!

MORE PRODUCTS FOR ADAM

ORIGINAL ADAM DISK DRIVES, RFE....................$249.95.....+ $10.00 HIS
ORIGINAL ADAM MODEMS............................$149.95.....+ $ 7.50 "
PRINTER RIBBONS Mylar Multistrike....each....... 5.95 6 for $32.50 + $2.50 HIS
PRINTER RIBBONS NYLON Extra Long Life.each....... 5.50 6 for $30.00 + $2.50 HIS
COLOR RIBBONS, for ADAM Blue Yellow Brown Green
                Red Purple (Mix Match or all same) 9.75 6 for $55.00 + 2.50 HIS
DIGITAL DATA PACKS The best available.each....... 5.95 10 for 50.00 + 2.50 HIS
PRINTWHEELS, LONG LIFE (not like some).each...... 7.95 10 for 72.50 + 2.50 HIS
DISKS (5 1\4 in) LIFETIME WARRANTY! With Tyvek
     envelopes, Labels, Hubs, write protectors.. 7.95 for 10   + 2.50 HIS
     FURTHER DISCOUNTS FOR LARGE QUANTITIES ! ! ! ! ! !
MINIMUM ORDER $15.00!   MINIMUM ORDER $15.00   MINIMUM ORDER $15.00
ALL PRICES AND ALL SPECIFICATIONS ON ANY ITEM WE SELL SUBJECT TO CHANGE WITHOUT NOTICE!

HERE IS THE SHARPEST BUY YET FOR YOU DYED IN THE WOOL, 24 Karat COMPUTERATATORS OUT THERE!! (Look, Mum, I Coined a WOID!)
                THE B R I E F C A S E P O R T A B L E / T E R M I N A L
A computer/terminal you can carry in your briefcase, and from anywhere in the world that there is a telephone, you can:

 ACCESS: Your computer at home, to enter or retrieve information.
         From home, you can access your computer at work.
         Any modem equipped computer, information service, database.
         Any telex or TWX machine, access DOW-JONES with single keystroke!
         Get the latest electronic mail, stock market reports, etc.
         Send electronic mail.
         Push the LOCAL key, use as regular computer, compose, edit, save, review, etc.
         Upload to any other computer. Use as battery-operated portable on bus, train, plane, in car, in terminal.
         Out "status symbol" your computer friends.
Features Twin LCD Display, one showing Status, Bat cond, etc., one for data, etc, has its own memory, Expansion Interface, etc.
         300 baud modem built in...Operates on AC or self contained Ni-Cad rechargeable batteries!!
         Recharger included!... Built in text editor! Separate function keys.
         NO PROGRAMMING!.....Straightforward Language, NO codes to learn....
         Separate Command keys....Nearly two dozen files of memory!
         Memory Non-Volatile! (holds when computer is turned off!) does not lose or erase it until uou do, manually!
         Built in clock-calendar-date imprinter, calculator, print, display, send math or final figure!
         73 key keyboard, with 37 double purpose keys!
         10 1/2 inches long, 5 inches wide, 1 3/4 inches deep!
         64 Page Instruction manual.
More features than we can describe, in an unbelievably small, compact package. Even comes with modular phone cord & plug.
Portables go at all prices, ranging from well over a thousand, to perhaps $600. Well, this jewel is not $600, not $500, not $400,
  $300 or even $200, but an incredible $129.95! Yes, that is correct, one hundred twenty nine bucks, ninety-five cents!
You will NEVER beat this price! (Was built by a major manufacturer, not "4N" but similar).
                T H E S E A R E B R A N D N E W ! O N L Y 2 2 O F T H E M L E F T !
If you are likely to be where there is no accessable modular phone plug in, we have acoustic couplers, to fit telephone handsets,
  in a butter-soft brown vinyl zipper pouch for only $19.95, NO HIS if ordered with computer, $2.50 HIS without. This little
beauty is being sold, complete, for the price of a full featured modem, which it has! IF YOU MISS THIS BUY, YOU WILL REGRET IT!

===============================QUESTIONS & ANSWERS===========================
by Da Guru

The following are representative of questions asked us many times a month.

Q. Your NEWWORD word processor. Is it like Smartwriter?
A. We certainly hope not! It IS a word processor, and in that respect is
   similar to Smartwriter. It is a Word Processor, not a Word Mangler. It
   has none of the faults of Smartwriter.

Q. Is your word processor 80 columns?
A. The word processor does not determine the number of columns, other hard
   ware does. Our WP is capable of up to 132 columns if so desired.

Q. Where & how is the word processor installed?
A. It is installed on ADAM's motherboard, and must be done by us, since an
   other Eprom must be burned.

Q. What is the cost and availability of the word processor?
A. It is not yet in production, we have just the prototypes here, and
   so have not arrived at the final price. Available soon.

Q. Does it get rid of the deadly "ADAM BUMP" which moves text when & where
   you may not want it?
A. You betcha!

Q. On your 80 column card, is it compatible with ADAM's EOS, and CP/M?
A. Yes.

Q. How & where is the 80 column card installed?
A. This is determined by whether the single 80 column card is used, or
   the combination card, which has Hi Resolution and RGB added. If it is
   the simple card, on the motherboard. If it is the combination card, it
   must be installed externally, with a connecting cable.

Q. Cost & availability?
A. Not ready for production, so we cannot set price. Ready soon.

Q. What is the IBM Emulator, and what does it look like?
A. First, it is not really an emulator, since it does not emulate, but
   actually turns ADAM into an IBM command responsive computer. When its

   installed, ADAM will respond to either it's own EOS commands, IBM-MS
   DOS commands or a mixture of the two, at your choice. ALL Drives, Dig-
   ital data drives, etc, will all respond to these commands. It also will
   operate under CP/M + (CP/M 3) CP/M 80, and CP/M 86, as well as BASIC.
   Looks: a small piggy-back board with several chips replaces the present

   Z-80, then the Z-80 plugs back into this small board. A cable connects
   with the CO-Processor, which has a bunch of chips and 256K added RAM.
   NO BOX. We suggest you use our #MFEC cabinet, for professional looks.

Q. Does the Ibm Co-Processor show an 80 column display in IBM mode?
A. Once again, the size of the display is dependent upon several factors.
   The IBM-Co-Processor can show 132 columns, or print as many columns as
   you desire, up to 255, sideways. If ADAM is not equipped with an 80 col
   umn card, You are limited to ADAM's 31 column, or 40 or 72 with special
   software patches.

Q. What is Separated Video?
A. Just that. Instead of all signals being combined into one (composite),
   The signals are never combined, but are sent to the monitor separately.

   Composite contains the signals, products of these signals, sums of
   these signals and various other "trash" signals which cloud the
   resolution. Separated Video provides much "cleaner signals" and usually
   results in a 50% increase in resolution (readability). ADAM looks fine
   on a monitor with separated video, especially so with our circuit,
   which eliminates or greatly lessens the right hand ghost which rem-
   ains with other systems.

Q. Why is ADAM's resolution so poor that only a TV can be used as a mon-
   itor?
A. This is not necessarily true. ADAM was deliberately designed to be
   able to use the family TV as a monitor. However, a good multipurpose
   monitor, such as the TEKNIKAS we use, show a beautiful display with
   ADAM, even in the composite mode. ADAM can of course, be converted
   rather easily to separated video, and, more expensively to RGB.
   Coleco's original intention was to make a number of upgrades avail-
   able, auch as RGB, 80 col, High Resolution card, greatly increased
   memory, more video Ram, even stereo audio, but when great numbers of
   computers were returned for service, not necessarily with real
   problems, but with litle ones, and things that could have been ex-
   plained by computer store personnel, instead of the toy store per-
   sonnel, they gave up. Of course dolls made them a lot more money,
   at a much less outlay, and seldom required "crying chip" replace-
   ment under warranty.

Q. Does the IBM-Coprocessor expand ADAM's memory?
A. The IBm-Emulator comes with a self-contained 256 K RAM. This can be
   used by itself, or added to whatever RAM you have in your ADAM. It
   is made so that additional RAM boards may be attached to it, or add-
   itional RAM may be added to IBM. You may add at either end! It is
   amazing at the actual speed-up of operations of ADAM, after a large
   amount of memory is made available, and the CO-Processor again adds
   to that speed, giving ADAM the speed of a very good IBM-AT.

Q. Do uou have a disk drive controller which would allow the use of low
cost drives from Qume-Hitachi-Panasonic-Mitsubishi, etc.?
A. No, we cannot be all things to all people in all directions, supply-
ing everything for which there is a need. Someone mentioned that
Eve Electronics has been working on one, and so have we. In the press
of other things, it has been put aside. We had a manufacturer make
up combination controllers, drives, etc, for us, and the result has
been less than satisfactory, to say the least. We find that the small
company, such as we, does not have sufficient "clout" to keep people
from running over us roughshod, failing to keep manufacturing sched-
ules, delivery schedules, and adhering to the specifications we had
presented to them are only part of the problem. If they get larger
orders, or an order from another company who may present larger ord-
ers, they leave us out. That friends, is only a small part of the
today's version of the computer rat race. If Szretter can get it done,
power to him. We are still fighting delivery and quality control. We
DO have hope of getting it all ironed out.

Q. I am accustomed to a regular keypad on my keyboard at work, then when
I get home, it is a fumbling problem with lots of numbers on ADAM. I
understand that you have a keypad conversion, what is it like?
A. Our keypad conversion must be installed by us, and it sits at the
right side of the ADAM keyboard, where it belongs, and a cable runs
from it, into the ADAM keyboard. You have the option of both systems
being in operation at all times so you may use either.

Q. How easy is your ADAM-IBM CO-Processor to install?
A. It not difficult at all, for someone who can read and follow instru-
ctions, who is adept in the use of very small soldering tools and
desoldering tools. It definitely is no job for a rank amateur. Too
hot an iron, poor desoldering techniques can wreak havoc, and most
certainly will void your warranty. Be careful, be certain. Some pri-
mary programming is necessary, but not much. The EPROMS which have
paper tabs on them must NOT have the tabs removed! They will self-
erase when subjected to light! They may become erratic in operation
because of being opened to the light, even if they do function

Q. How easy is your ADAM Big Memory board (2+ megabytes) to install?
A. About the same as the above precautions apply.

Q. What other additions, upgrades, etc., to ADAM do you plan to have
in the near future?
A. Let me check the crystal ball, oh shucks, I guess it has blown a chip.
We will add what we can, when we can. Several more in the offing.

TANDON, who has made a great number of computers for Radio Shcak. has lost a great deal of money in the last two years, nearly 300 million last year alone. They have also manufactured disk drives and hard disk drives under their own name, and for many computerr manufacturers.
Now they are throwing their hat into the U.S. microcomputer ring with a fine line of micros. More information on this in next month's issue.

HYUNDAI, of Korea, who is known in this country for their low-priced car, has released their "Blue Chip" line of computers for sale in the U.S. They are being sold by some of the large chains, among these are Target, WalMart and others.
Being curious (no smart remarks, please), we checked their one model out. We found it to be an almost identical copy of a six year old IBM-PC. A very "standard" type of machine. Checked four stores which handled it, not one of the clerks could even tell me the operating speed! At the selling price $699.00, one drive, and the balance of what it offers, it is befitting that it be sold in stores by unknowledgeable people, where it will be purchased by unknowledgeable people. By the time you equip it to do what you would like it to do, you could have bought a good XT clone, and for less money, our ADAM-IBM Co-Processor will run rings around it.

"BIG BLUE," IBM, set the standards, then laid back, resting on its laurels too long. However, to lead, one must continue leading the troops, not gradually allow them to assume command. The IBM bus system is one of the best add on systems, but other companies have carried it to new highs. IBM did not attempt to keep upgrading their product, and so it eventually arrived at the point where many "clone" manufacturers were producing faster, more reliable, more versatile machines, for a truckload less money. IBM, now losing money hand over fist, has been shutting computer plants all over the landscape. Also the latest rumor has it that BIG BLUE is going to try "closed architecture" in an effort to stop cloning, and to keep others from supplying boards at lower than IBM prices. Experience shows that if they try this, and at the same time, abandon the "home or personal computer" market, (re the latest utterances from the Temple of BIG BLUE) and aim only at the business market, we may well be seeing the sun setting on BB.
Have you checked the prices on their latest entries? Whew! They most certainly are priced out of my league! Over FIVE GRAND just to get inside the door!

COMPAQ, to mention only one of an entire pack, with the latest 32 bit generation, is way ahead of BIG BLUE in released late technology. Many of the 8/16 and true 16 bit clones are far better than the IBM's they are supposed to be emulating.
In this dizzying race for more, bigger, fancier, it is comforting to realize that a GOOD 8 bit machine, well engineered and equipped, will do just about anything that the vast majority of computers will ever need to do, and for a whole lot fewer shekels.

SERVICE ADAM-AMSTRAD-IBM-COMPATIBLE

We offer quick, careful expert service on all the above, and on any device which can be used with them. Ship the defective unit to us, WITHOUT DISASSEMBLING ANYTHING! Of course it is all right to unplug drives, modems, or any other peripherals, then ship the defective unit to us, with t indicated deposit, INSURED, by UPS or MAIL. Pack with original packing, or at least two inches of foam, all around the device(s). NEVER, NEVER SHIP BY FREIGHT. Unless there is NO other way.

We will check and repair, advising you of price, you remit, if necessary, and we return. Very simple. Absolutely no estimates, because they take almost as much time as the actual repair. Deposits must be by Money Order or Certified Check.

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DISK DRIVES, original ADAM, AMSTRAD, IBM or compatible, deposit...$25.00
PRINTER, original ADAM.............................................."...... 25.00
PRINTER, OTHER THAN ADAM:
        DOT MATRIX................................................"...... 35.00
        DAISYWHEEL................................................"...... 35.00
        COLOR (ribbon type)......................................."...... 50.00
        INK JET...................................................."...... 50.00
        LASER......................................................"...... WRITE
KEYBOARD-ADAM......................................................."...... 15.00
        AMSTRAD...................................................."...... 30.00
        IBM & COMPATIBLES.........................................."...... 30.00
MEMORY CONSOLES, all types.........................................."...... 35.00
MODEMS, ALL TYPES.................................................."...... 25.00
MEMORY UPGRADES, 64K ADAM.........................................."...... 15.00
MODEM AUTODIALERS, ADAM............................................"...... 15.00
PLOTTERS .........................................................."...... 50.00
MONITORS:
        MONOCHROME................................................"...... 35.00
        COLOR COMPOSITE..........................................."...... 50.00
        COMBINATION COMPOSITE-SEPARATED VIDEO....................."...... 60.00
        COMBINATION COMPOSITE-SEPARATED-RGB......................."...... 70.00
        RGB ONLY.................................................."...... 50.00
        EGA-PGA-CGA-RGB COMBINATIONS.............................."...... 75.00
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We also make many upgrade modifications, on all three makes. Let us know what you want, or write for what we can do. Such mods as faster memory chips, faster microprocessors and support components, latest motherboard revisions, etc., are done constantly. If you are bothered by RF interference, we can lessen it or stop it. Unless your unit has been dropped off the tailgate of a pickup, run over by a semi or lorry, there is every reason to believe we can repair it, and at a reasonable price. Usual turn-around times on repairs are very quick. We know how difficult it is to survive without your computer!!

NOTICE!!!The above deposits are NON-RETURNABLE, NON-REFUNDABLE, and a intended as payment for our handling, evaluation time, and, sometimes, the full repair. If repaired, the deposit is credited to the repair, if not it pays for our time. ANY SURPLUS IS ALWAYS REFUNDED!

8   SALE SALE SALE SALE

WINTER SNOWTIME SALE! TILL MARCH 1st !

10 % OFF ALL ITEMS LISTED UNDER

" NEW PRODUCTS FOR ADAM "

SALE LIMITED TO HARDWARE ONLY.

DOES NOT INCLUDE SOFTWARE.

DUE TO INTRODUCTION OF NEW ITEMS, SOME

FEATURES HAVE BEEN LEFT OUT THIS MONTH.

SORRY, THERE JUST WASN'T ENOUGH ROOM!

WILL TRY TO HAVE NEW FORMAT NEXT MONTH,

WITH MANY MORE FEATURES !! PICTURES!

ILLUSTRATIONS! DIAGRAMS! GRAPHS!

C O N T E S T   S T I L L   G O I N G   O N !!

GET YOUR ENTRIES IN RIGHT NOW! BIG WINNER

SOON TO BE ANNOUNCED! PROGRAMS, GAMES,

UTILITIES, HINTS & KINKS ETC, ELIGIBLE !!

FINE PRIZES! GET YOUR ENTRIES IN, NOW !!

C O N S I G N - A - B I T

We accept any computers, or computer related equipment for sale by us. All such equipment must be accompanied by an ITEMIZED list, giving an accurate description of each item, and must also show whether each item is or is not in working order. There must also be a signed statement at the bottom of such list, giving ADAMLAND the right to offer the items for sale.

We reserve the right to combine items from various consignments, in order to make a more salable package.

Our fee for handling is 15%, and this is charged in any event. Ordinarily, items which are priced at the fair market price sell very quickly.

Please, do not set unrealistic prices on your material. We will naturally try to obtain the best price for you. If, after a while they should not sell, it generally means that they are priced too high. We reserve the right to sell them accordingly.

Many members have been very happy with our CONSIGN-A-Bit efforts.

C O N S I G N - A - B I T   F O R   S A L E   Section

#701 Original ADAM Phone MODEM, boxed, cables, books, etc., $85.00
     With BOTH ADAMLINK I and II, tape & disk.

#702 Another ADAM printer, has been adjusted to feed better,
     also paper guides have been added, perfect............ $85.00

#703 Original ADAM 64 K Memory upgrade, perfect............ $60.00

#704 ADAMLAND 64 K Memory upgrade, the best................ $60.00

#705 ADAM SmartFILER, original book, binder & tape......... $14.95

#706 Centronics Parallel Interface, ADAM to dot matrix..... $69.00
     printer, includes cable.

#707 A BIGGIE!! ADAM Stand Alone, original, late version   Asking For A
     with 64 K Ram upgrade, 2 + MEGABYTE RAM upgrade, 300-
     1200 baud Modem! 2 Digital Data Drives, 2 Disk Drives, Bid On This
     Centronics Parallel Interface, with cables AND a Star
     SG 10 dot matrix Printer! Also all books, cables, 2   One!!
     controllers, special printer stand! More than 50 games,
     programs, etc. (It did have an IBM CO-Processor, but
     it was sold to someone else) (Poor guy was sued for
     divorce, and wife took everything else, left him with
     a bunch of bills and support payments.)
ENCLOSE STAMPED-SELF ADDRESSED ENVELOPE, with bid, NO PHONE CALLS!!

This page will be devoted to the hardware and software we offer for our own, and other IBM and Compatible computers.

N E W   F U L L Y   C O M P A T I B L E   H A R D W A R E   F O R   I B M   &   C O M P A T I B L E S

EXPANDED MEMORY 2 MEGABYTE PLUS, for PC, XT, and AT, compatibles. Conforms to INTEL, LOTUS, specifications. For all EGA, CGA, PGA, etc., applications. With software for graphics, ramdisk, spooler, etc. Manual furnished. The absolutely finest board of its type available. You may buy cheaper, but you will not buy better. List price, $459.00, to our members # IBM-EX2, $195.00. Shipped 0k unless you specify. (THIS IS OUR LOW INTRODUCTORY PRICE. NOT A SALE ITEM!) + $10.00 HIS

RAM CHIPS, for these and other memory boards we sell. 150 ns or better, tested, approved 256k sets. BEWARE CHEAP CHIPS! Some do not work when you get them, others cause trouble, some fail. Ours are guaranteed to function perfectly. $55.00 per set, LOW INTRODUCTORY PRICE. NOT A SALE ITEM!

MULTI-GRAPHICS 3 BOARD. Hercules monographics compatible, 750 X 350, RGB, CGA, EGA, PGA, MGA compatible, top color 650 X 480. Top Mono 750 X 400. Highest quality board obtainable, nearest competition costs $500 more. Cost to our members, # IBM-MG 3, $349.00. (THIS IS OUR LOW INTRODUCTORY PRICE. NOT A SALE ITEM!) + $10.00 HIS.

MODEMAX 300/1200 external modem. Everything automatic, has voice switch, 8 status LED's, three pushbuttons, 100% HAYES compatible, with IBM or Standard Centronics Cable. All instructions, etc. Excellent performer. $139.95, + $5.00 HIS LOW INTRODUCTORY PRICE, NOT A SALE ITEM!

CABINET, Flip Top, Push Button Operated, easy to get boards in & out, standard color, takes up to FOUR DRIVES (HH) with speaker, and all hardware, to accommodate perfectly all PC, PC-XT and Turbo-XT Boards, Clones too. If you have ever had a box that top slides off, you'll never want another, they are mighty inconvenient. These are fine cabinets. LOW INTRODUCTORY PRICE, NOT A SALE ITEM! $49.00, + $12.50 HIS, CONUS.

DRIVES Genuine IBM half height, double side, double density drives. The best to be had. You can buy cheaper, but save your complaints for the supplier. These are what we use here, for IBM & Compatible work. LOW INTRODUCTORY PRICE, NOT A SALE ITEM! $98.00 each, + $7.50 HIS, CONUS

I B M - C O M P A T I B L E   S O F T W A R E

VOL IB-1 MUSIC FOR MUSICIANS. Lets you compose what you like, correct, record, correct, play back.
VOL IB-2 BASIC. RUNS BASIC PROGRAMS. A vital necessity for real work.
VOL IB-3 dBASE. DATABASE MANAGEMENT SYSTEM providing on-line help, and with screen editing functions.
VOL IB-4 THE CHECKBOOK. All the checkbook functions & utilities you'll ever need. TAKE CARE OF YOUR MONEY!
VOL IB-5 SPREADSHEET. The accounting package. General ledger type, used by accountants.
VOL IB-6 BUSINESS ACCOUNTING. Payroll, Accounts Receivable/Payable, Inventory, Depreciation, Processing 1099 forms, etc.
VOL IB-7 PAYROLL. Specifically payroll. Includes all tax systems, forms, reports, other features relating to payroll.
VOL IB-8 THE SALESMAN. Prints sales brochures, letters, memos, forms, outlines, etc. QUICK!
VOL IB-9 THE DESKMATES. Better than SIDEKICK and the rest of the desk-top utilities.
VOL IB-10 THE COMMUNICATOR. The fastest and best communications (modem) software available at any price.
VOL IB-11 THE "LATEST WORD". A word processor, better, faster, much easier to learn than Wordstar, at a fraction of the price.
VOL IB-12 KIDSWORD. Word processing for kids! Eliminates all the excess baggage & makes sense for kids.
VOL IB-13, 14, 15, 16, 17, ALL GRAPHICS Programs, from simple to very elaborate. All require dot matrix or similar printers.

All the foregoing are the results of a great deal of time spent searching to bring the very cream of the crop to our members. It is NOT necessary to spend many hundreds of dollars for a single database, accounting or Basic program, or for others. These are as good as they come, and often, hundreds of dollars cheaper.

ANY ONE OF THE ABOVE PROGRAMS, $14.95, + $2.50 HIS!!! ALL ON DISK, ONLY!! Self-documenting, all you need is on the disk, with help, etc..

Our software library is becoming so large,
that for reasons of sheer size, and postage,
we can no longer include it in the newsletter
or an introductory brochure.

It had reached a full 8 pages, in compressed
type, and was expected to TRIPLE very quickly.
                for A D A M
Our catalog includes:
        Word processors   Spreadsheets
        Database Managers   Business
        Telecommunications   Accounting/Finance
        Applications   Art. Intelligence
        Educational   ASM Language
        Text Processors   Languages, misc.
DOS-BASIC-PASCAL-COBOL-FORTH-PROLOG-LISP
        Genealogy-Music-Games-Graphics
        Misc Utilities   Screen Editors
        Ramdisk Software   File Recovery
        Mathematics (simple & advanced)
        Printer Utilities & Spoolers
        Security-Hackers-Crackers
        Desktop Utilities
        Converters--CP/M 2.2, CP/M+(3)-CP/M 80-86
In future, this catalog will be furnished
to members only, on either disk or ddp, for
a fee of $3.95 disk, $4.95, special ddp.

The member may return the disk or ddp, 4
times a year, quarterly, for upgrading. The
charge will be only for a $2.00 HIS fee.

There will be a separate SOFTWARE order form,
with each catalog disk or data pack, for
software only. Use it for this purpose, and
for both your convenience and ours.
This form must be signed in the appropriate
place, and must be the original, NOT a copy.
You will receive new forms, with every order.

With selections into what seems astronomical
figures, this appears to be the only way of
handling this situation. We have, or will
have, every known program for ADAM, and
many transported from other formats.

We thank you for your continued support.