

Vintage Computer Festival

August 4, 2018

Photos by Dave Jaffe













5.25" Pickaflo
 Model: 525
 Capacity: 128K
 Description: Designed for desktop, terminal, and night printers, this format had the best luck to be retained after "burning the disk of death" incident.

5.25" IBM 2360
 Model: 2360
 Capacity: 128K
 Description: A popular format, with disks produced by IBM/Hitachi. Disks are backwards compatible with standard 5.25" disks.

5.25" IBM
 Model: 2360
 Capacity: 128K
 Description: Custom produced these disks. Originally launched in 1980 at 150K, it was recalled after drive problems and re-released in 1989.

3.5" 3M
 Model: 3.5
 Capacity: 128K
 Description: 3.5" diskette with a standard magnetic read/write head but with infrared prewriting with an infrared LED for greater precision.

3.5" IBM 2360
 Model: 2360
 Capacity: 128K
 Description: A popular format, with drives backwards compatible with standard 5.25" disks. Unfortunately, this stopped made of the Superfloppy.



5 1/4
Capacity: 1.2MB
Usage: 1980s-1990s
These 5 1/4 disks were widely used in the early desktop system.

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zip 1.25
Capacity: 1.25MB
Usage: 1980s-1990s
The most popular of the superfloppy formats. A click of death affected the drives in the late 90s, leading to drives destroying themselves.



3 1/2 PocketZip
Capacity: 40MB
Usage: 1980s-1990s
Designed for laptops, camcorders, and mp3 players, this format had the last luck to be released right before the 'click of death' lawsuit.



3M
3.5-inch floppy disk
These 3.5-inch floppy disks were used in the Zenith Minisport laptop.

Verbatim
3.5-inch floppy disk
These 3.5-inch floppy disks were used in the Zenith Minisport laptop.

5.25-inch floppy disk
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3.5-inch floppy disk
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Electronic registers. double-sided
10837
64k?





CD-ROM
A compact disc (CD) is a digital optical disc data storage format. It was developed in 1980 and first released in 1982. CD-ROMs are read-only; they cannot be written to. The format was designed to provide a reliable method for storing and distributing data. It is widely used for software distribution, music, and video.

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HD DVD

High Definition Video Disc (HD DVD) is a digital optical disc format for high definition video. It is a competing format to Blu-ray Disc. HD DVD discs are available in two sizes: 12cm and 15cm. The 12cm disc has a capacity of 15.9 GB, and the 15cm disc has a capacity of 30.9 GB. HD DVD discs are compatible with HD DVD players and recorders. The format was developed by a consortium of companies including Intel, Toshiba, and Hitachi. It was first introduced in 2005. HD DVD discs are capable of storing up to 15.9 GB of data, which allows for high definition video with a resolution of up to 1080p. The format also supports up to 96 channels of Dolby Digital audio. HD DVD discs are compatible with HD DVD players and recorders. The format was first introduced in 2005. HD DVD discs are capable of storing up to 15.9 GB of data, which allows for high definition video with a resolution of up to 1080p. The format also supports up to 96 channels of Dolby Digital audio.

VideoNow Discs

VideoNow discs are a type of optical disc that can store up to 15.9 GB of data. They are compatible with VideoNow players and recorders. VideoNow discs are available in two sizes: 12cm and 15cm. The 12cm disc has a capacity of 15.9 GB, and the 15cm disc has a capacity of 30.9 GB. VideoNow discs are compatible with VideoNow players and recorders. The format was first introduced in 2005. VideoNow discs are capable of storing up to 15.9 GB of data, which allows for high definition video with a resolution of up to 1080p. The format also supports up to 96 channels of Dolby Digital audio. VideoNow discs are compatible with VideoNow players and recorders. The format was first introduced in 2005. VideoNow discs are capable of storing up to 15.9 GB of data, which allows for high definition video with a resolution of up to 1080p. The format also supports up to 96 channels of Dolby Digital audio.

VideoNow Personal Video Disc

VideoNow Personal Video Disc (PVD) is a type of optical disc that can store up to 15.9 GB of data. It is compatible with VideoNow players and recorders. VideoNow PVD discs are available in two sizes: 12cm and 15cm. The 12cm disc has a capacity of 15.9 GB, and the 15cm disc has a capacity of 30.9 GB. VideoNow PVD discs are compatible with VideoNow players and recorders. The format was first introduced in 2005. VideoNow PVD discs are capable of storing up to 15.9 GB of data, which allows for high definition video with a resolution of up to 1080p. The format also supports up to 96 channels of Dolby Digital audio. VideoNow PVD discs are compatible with VideoNow players and recorders. The format was first introduced in 2005. VideoNow PVD discs are capable of storing up to 15.9 GB of data, which allows for high definition video with a resolution of up to 1080p. The format also supports up to 96 channels of Dolby Digital audio.




Hands on Exhibit
 Feel free to
 ✓ Pick Up
 ✓ Touch
 ✓ Explore
Questions?
 Just Ask



3M
 5.25" Floppy Disk
 1.44 MB
 Designed as a standard, the 3M 5.25" floppy disk was widely used in the 1980s. Capable of storing 1.44 MB of data, it was used for a variety of applications.



Verbatim
 5.25" Floppy Disk
 1.44 MB
 A standard 5.25" floppy disk, the Verbatim 1.44 MB disk was widely used for data storage and software distribution.



3.5" Floppy Disk
 1.44 MB
 The 3.5" floppy disk was introduced in the late 1980s and quickly became the standard for portable data storage. It is capable of storing 1.44 MB of data.



1976, the "Board Apple-1"

The only surviving complete kit as shipped from the factory, including the original "Apple test" sheet and the other factory components. An original assembly manual (1976) is also included. A photograph of the board kit is also included and a very early Apple I manual.

Purchased at Omega's Liquidation, Vancouver, B.C., 2008 for \$1000. Original Number and Owner of Assembly Kit: 1001.





Early Microcomputer Cases

Case	Year	Manufacturer	Notes
...

Early Microcomputer Cases
VCF
12

Schach-Computer

...

...

...

Microcomputer Chess



Text block describing the early use of computers in chess.



Text block describing the early use of computers in chess.



Text block describing the early use of computers in chess.



Text block describing the early use of computers in chess.



Text block describing the early use of computers in chess.

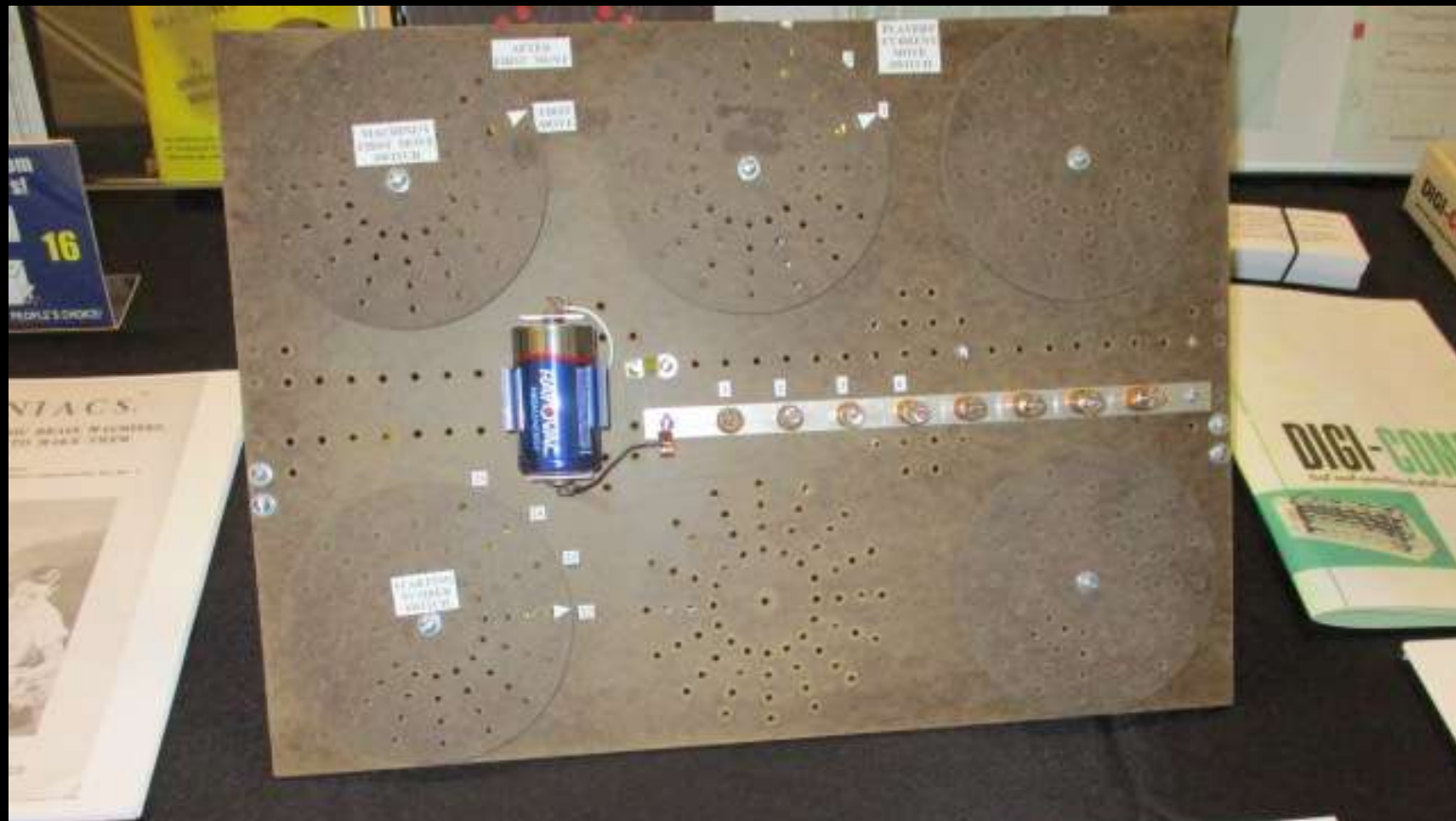


Text block describing the early use of computers in chess.





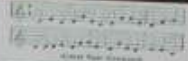
Texas Instruments Home Computer 99/4 (late 1979)
3.0MHz TMS9900, 256 bytes RAM, 800? ELO



ME COMPUTERS FROM THE 1950's AND 1960's

Amazing *electric* Brain

COMPUTES, PLAYS GAMES, "REASONS"
COMPOSES MUSIC!



WORD IT TALKED in a New Accent!

GENIAC ELECTRIC BRAIN

REMARKABLE ACCURACY
FOR THE AMOUNT OF SPACE
OCCUPIED BY THE MACHINE
ITSELF.

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OF THE FIRST 100 DAYS OF
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New! WRIST RADIO weighs 2.5 oz. **Order Now!**



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FROM 550 TO 1600 KC.
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126 Lexington Avenue, New York 16, New York

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NEW 100
ORIGINAL WRIST 100

NEW 100 OF 100
First Printing 100



COMPUTER RAGE



2 to 4 Players - Ages 10 to Adult
A Product of Creative Computing Magazine



Science Fair™

electronic computer kit

Easy to Build! Easy to Use! As Accurate as a Sliderule!

Analog-type instrument with dual range for extra precision, and meter read-out!
Complete with all components, meter, scales, custom milled 15" x 9" x 3" cabinet, conversion tables, instructions.

Many Hundreds of uses!



Computes car design, time and distance.



Solve Electronic Problems.

Multiplication
Division
Square Root
Cube Root
Logarithm
Reciprocals
Solve difficult mathematical problems



TRANSISTORIZED!

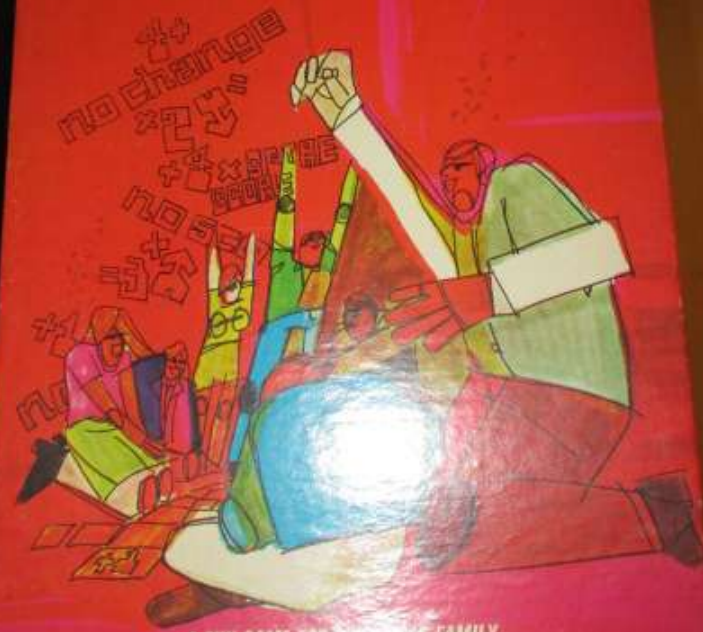
Includes interchangeable Scales for Math and Electronics

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A Unique, New GAME of Skill, Speed and Chance
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A FUN GAME FOR THE WHOLE FAMILY

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VCF 17





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3. Operation of the Machine	3
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End of document















NewBrain





PECOM 64

ARMORED

PT





FUJITSU
MICRO 7



TEXAS INSTRUMENTS

TI-99/4A
calculator

Solid State Software



TIMEX sinclair 1000

1 2 3 4 5 6 7 8 9 0

Q W E R T Y U I O P

A S D F G H J K L

SHIFT Z X C V B N M

AtariCT
The resident 2K ROM provides only a tape loader and monitor program. Everything else (including BASIC) must be loaded.

AZERTY keyboard, a Z80 to replace the original 8080, a SCART connector for European televisions and an entirely new motherboard.

The resident 2K ROM provides only a tape loader and monitor program. Everything else (including BASIC) must be loaded.





KC 854 (DDR)

- 128Kbit ROM
- 64Kbit RAM
- 100Kbit Diskette
- 100Kbit Diskette

Kombi-PC
in Germany's KC
854 Computer
by 21st 2001

System
ROMs in
atching







Page 1 of 65 Press ? for help

A	198 DARTS	ALF
B	1984	INCENTIVE
	2002	SUPERIOR
3D	BOMB ALLEY	SOFTWARE INVASION
3D	CONVOY	DOCTOR SOFT
3D	DOTTY	BLUE RIBBON
3D	GRAND PRIX	SOFTWARE INVASION
3D	MAZE	T-1K
3D	MUNCHY	BLUE RIBBON
3D	MUNCHY	MRM
3D	POOL	FIREBIRD
3D	SHOOKER	PLAYERS
3D	SPACE RAIDER	ALLIGATA
3D	SPACE RANGER	MICROBYTE
3D	TANK ZONE	DYNABYTE
3D	TANK	DK TRONICS
3D	MARS DEMO	ARDMARK
3D	DEEP SPACE	POSTERN
3	STONES OF ANADON	
T	737 FLIGHT SIMULATOR	SOFTK
U	747	SALAMANDER
		DOCTOR SOFT

COM USER GROUP







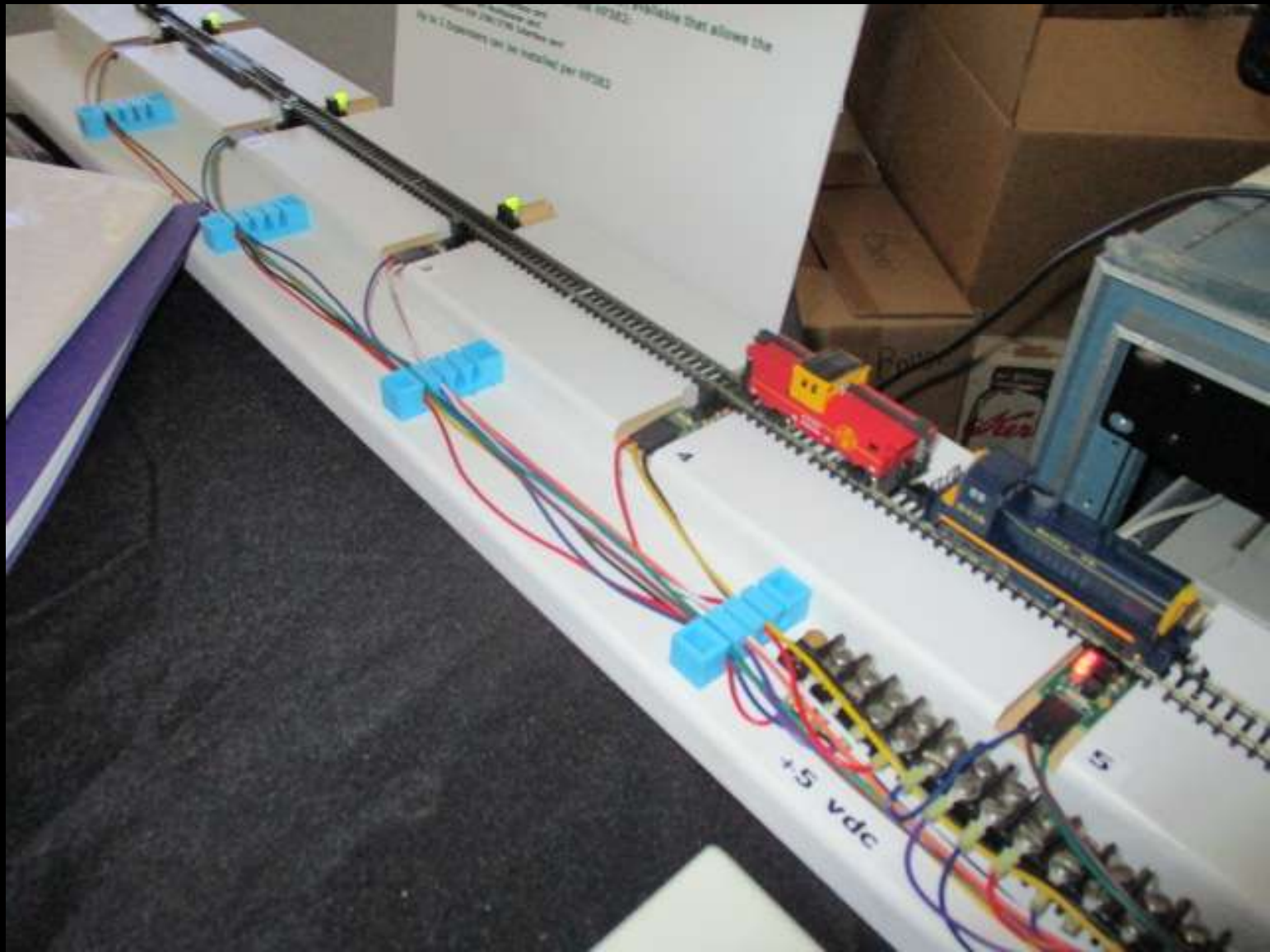
Z80 system

the digital group

the digital group

The Digital Group
VCF 15
WIN TO SUMMIT IS PEOPLE'S CHOICE











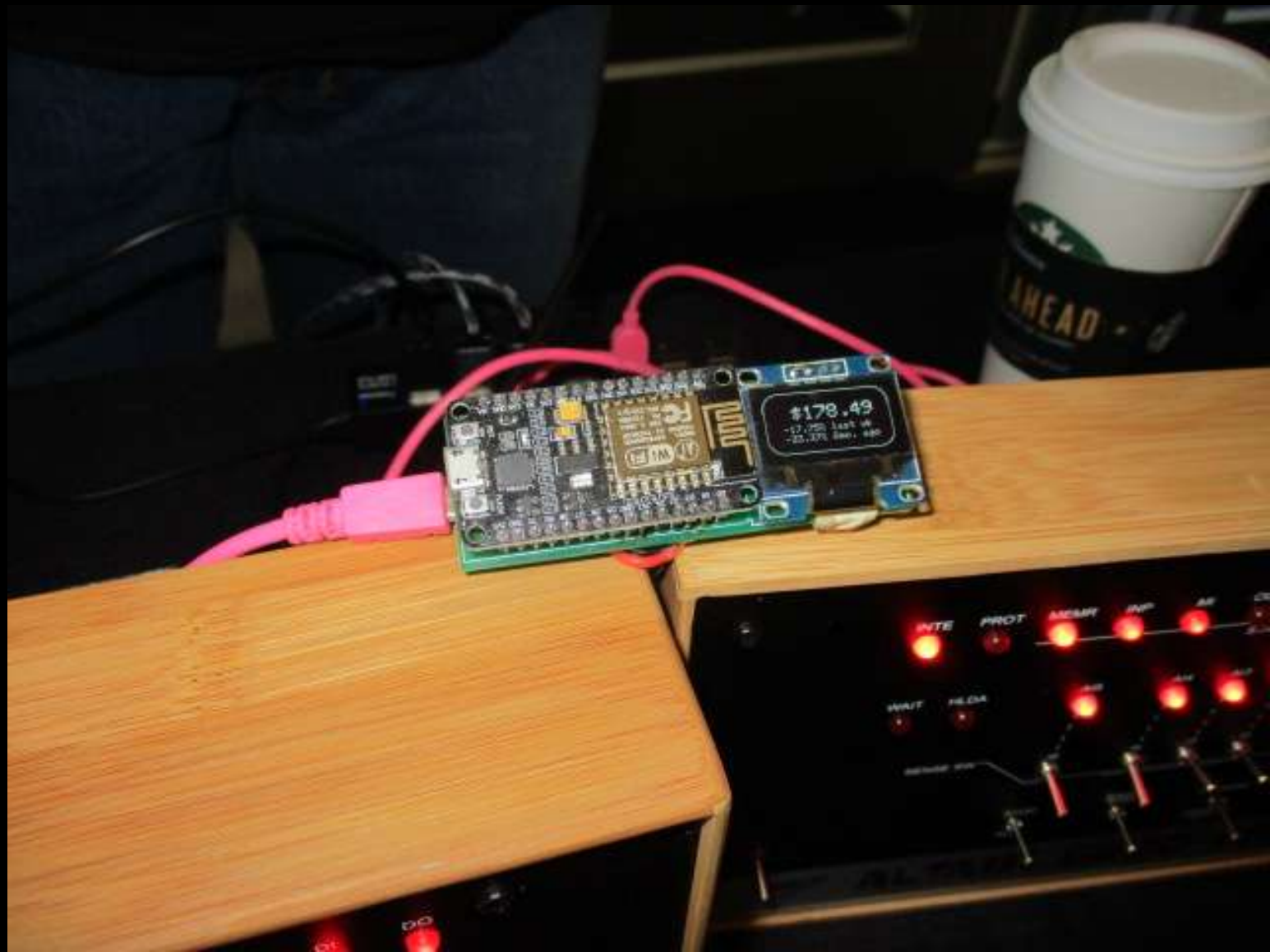


ALTAIR 8800 COMPUTER

RETROCOMPKIT

days of your youth when computers were new,
se with the "know how"? Or maybe the early days
n, and you simply want to know what the big deal
first heard the notion that people could

But What C



\$178.49
-12.75% last wk
-20.00% last mo

INTE PROT ASAMP INP AS CA
WALT FLCA
METHODS









*** Gigatron 32K ***
TTL microcomputer ROM v1

- > Snake
- Racer
- Mandelbrot
- Pictures
- Credits
- Loader

Use [Up/Down] to select
Press [A] to start program
Hold [Start] for reset















Les Barrowby
John Valdezco
John Brooks
Gabriele Gorla



4soniq 4-Channel Sound Card

The 4soniq gives you four separate channels of sound for your Apple IIs, instead of the usual one.

Each of the 32 oscillators available in the Apple IIs' Enabling Digital Oscillator Chip (DOC) can be assigned to play on any one of 8 output channels. One 4soniq card utilizes 4 of those channels. Pair it with a second 4soniq card to utilize all 8!







Motorola MC68000
Educational Computer

\$175









176-MEGABYTES
• 16 recording heads • 2 precision disks
• recording on 2 sides surface
• tape 1/2 inch
• recording speed 3000 rpm
• Acc. Accession 14 books
• 1000 tracks per inch
• 1000 tracks per surface
• 1000 1000 1000

176-MEGABYTES
• 16 recording heads • 2 precision disks
• recording on 2 sides surface
• tape 1/2 inch
• recording speed 3000 rpm
• Acc. Accession 14 books
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• 1000 tracks per surface
• 1000 1000 1000











P215 ES1EA







Heathkit H89















Blue connector

SYN

Synertek Systems Corp.

Red keyboard controller board

ESC	1	2	3	4	5	6	7	8	9	0	DEL
FN	Q	W	E	R	T	Y	U	I	O	P	END
FN	A	S	D	F	G	H	J	K	L	SEMI	ENTER
FN	Z	X	C	V	B	N	M	SPACE	ENTER	ENTER	ENTER
FN	NUM 7	NUM 8	NUM 9	NUM 4	NUM 5	NUM 6	NUM 1	NUM 2	NUM 3	NUM 0	NUM *

SYM

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