Vintage Computer Festival
Computer History Museum

August 2, 2026

Kevin Appert & Dave Jaffe


Computer History Museum

Kevin’s Photos


EXHIBITOR


2
5129

Dave’s Photos

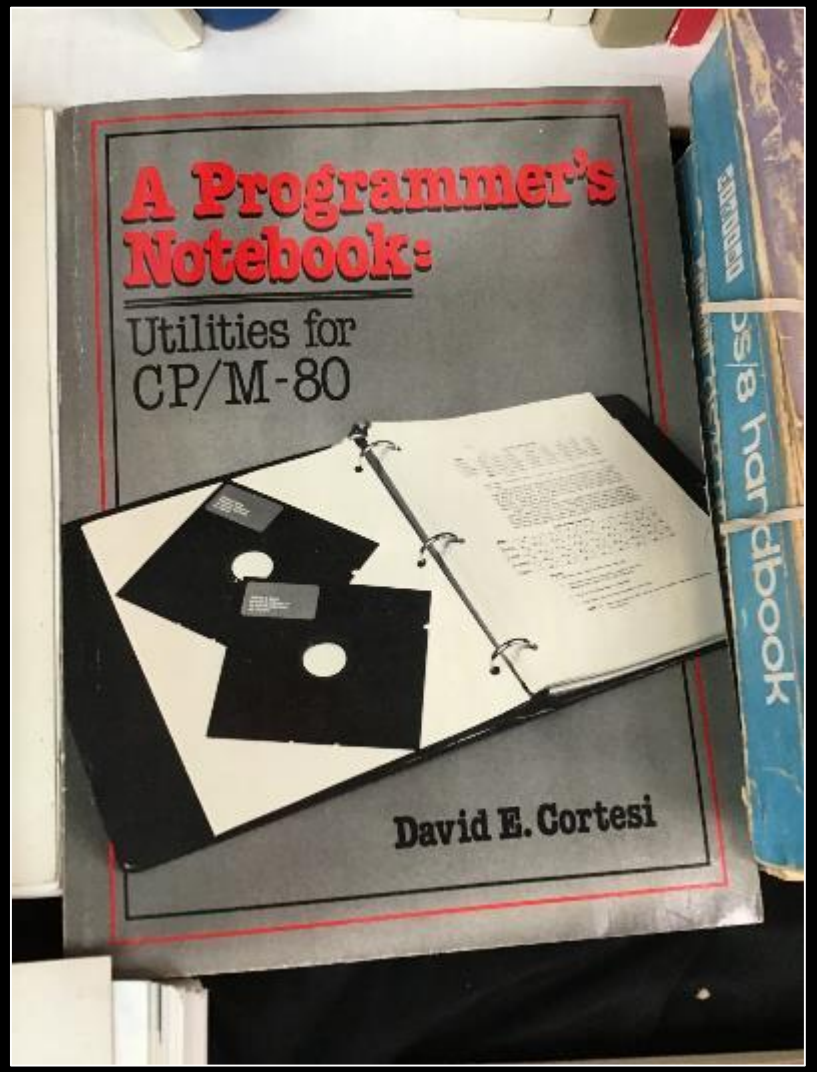
Caveat

Just because I took a photo of something, that doesn't necessarily mean I know much about the device.

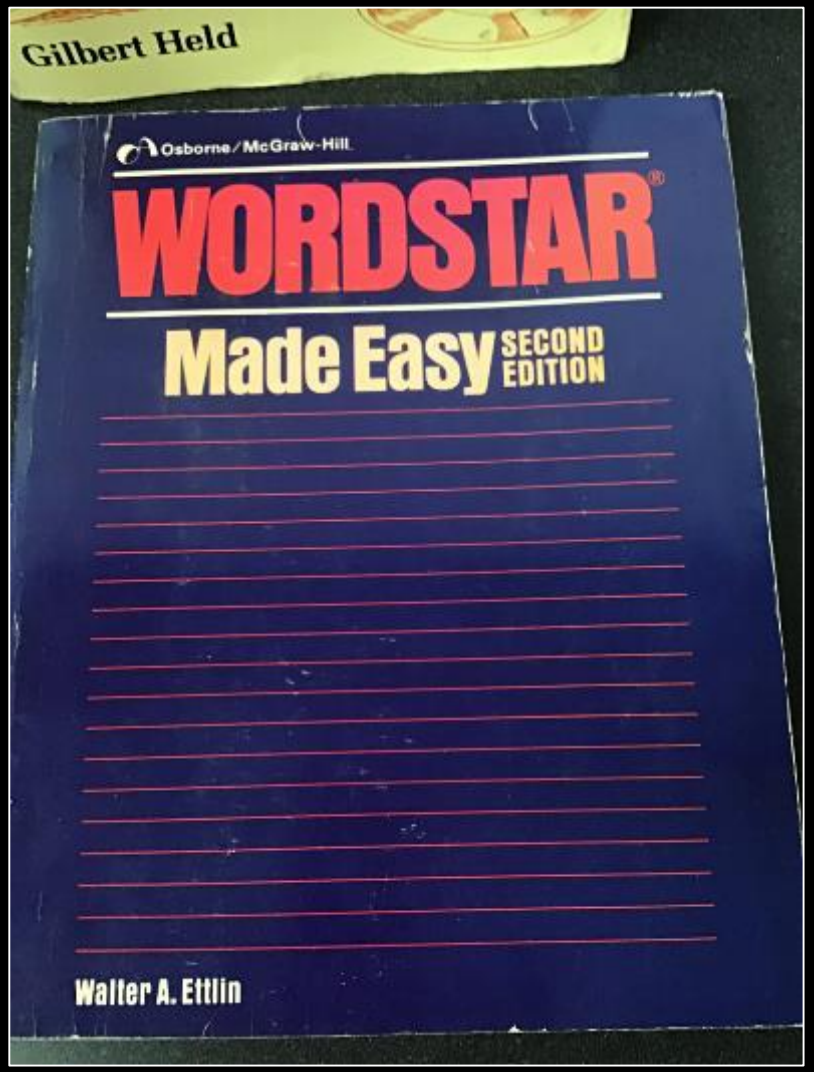
Feel free to add any details you might have.

Books & Software


Frame your
Vintage
Computer
in Period books
ECCO
DRAW
Simply Money

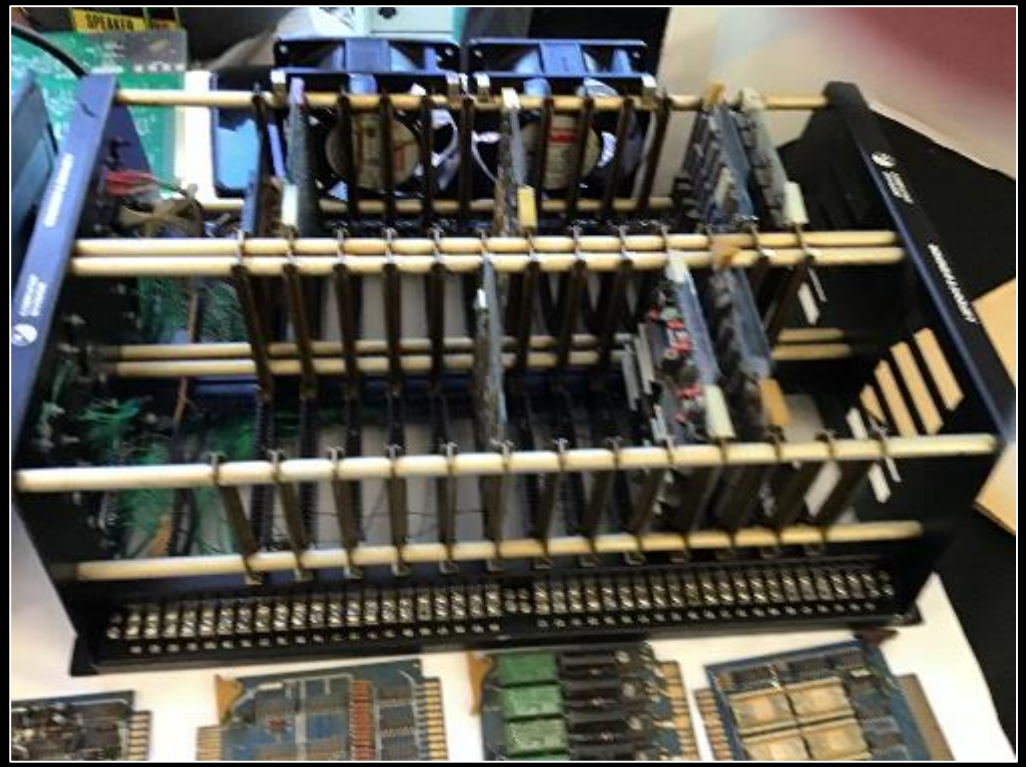

A Programmer's Notebook:
Utilities for CP/M-80
David E. Cortesi

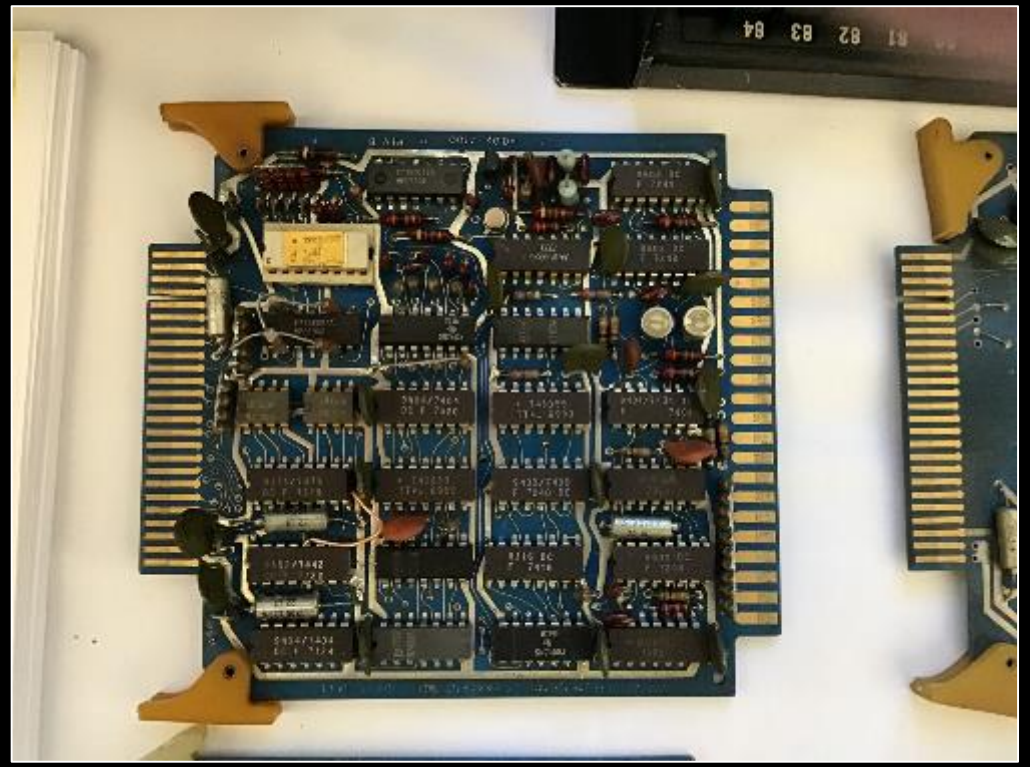

FOR MACINTOSH
Automatic Charts, Diagrams and More!
Claris IMPACT 2.0
FileMaker II
The best-selling Macintosh database manager


Gilbert Held
Osborne/McGraw-Hill
WORDSTAR
Made Easy SECOND EDITION
Walter A. Ettlin

Computers


COMSTAR
"MICROCOMPUTER SYSTEMS FOR INDUSTRIAL CONTROL"






August, 1977
TRS-80
(Tandy Corp)
OK To PLAY

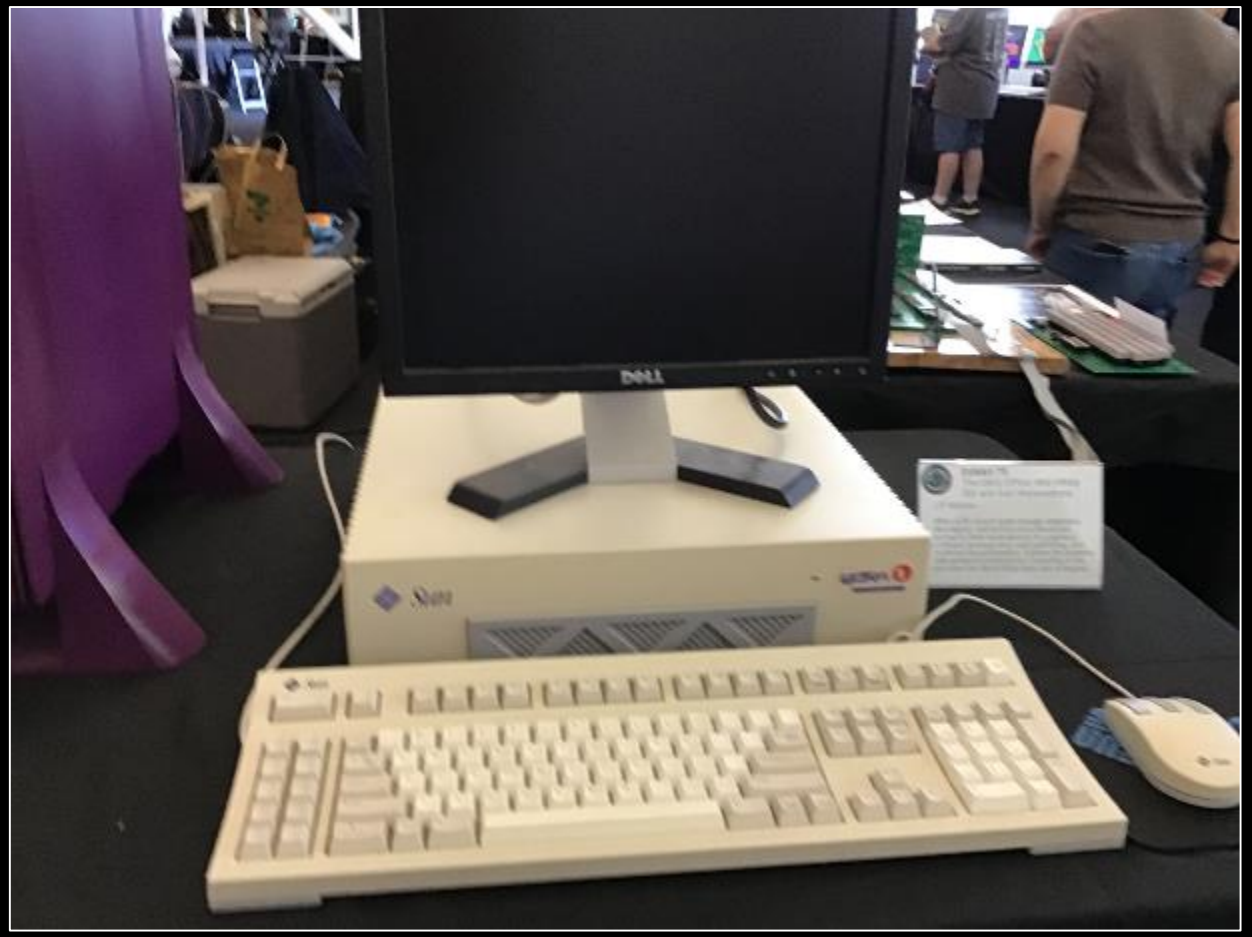

DEMO
RUNNING


TAITO
COIN-OP
ARKAN
REVENG
OF
NOH
the name
of the game
RE-FALCON 030
Updates
RE-FALCON
RE-FALCON D30


IBM PC??
No
IBM
SCP


COPO


Exhibit 72
Sun2, Sun3, and early
Ethernet Hardware


DELL


FRANKENSTEIN
KARLOFF
A UNIVERSAL PICTURE
FROM HISTORY
TO YOUR HANDS
Tektronix
4052A
BUSY
I/O
POWER
SHIFT
RETURN

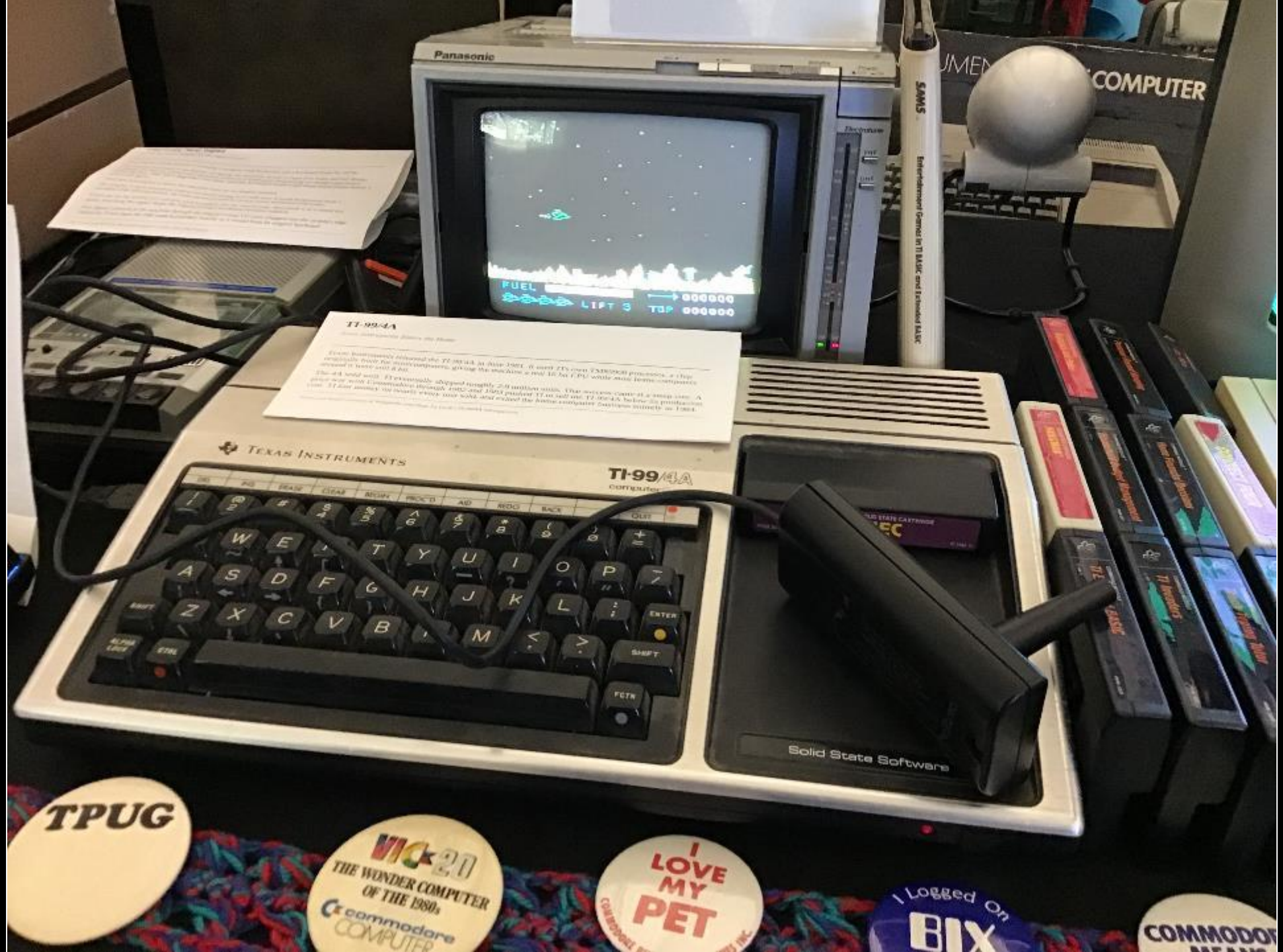

IMSAI 8080
DANGER


IMSAI VDP 80


digital pdp8/e
MEMORY ADDRESS
EMA
RUN


Datapoint 2200 Two Player Tic Tac Toe
Press a number key to make your move. X goes first
Square numbering:
123
456
789
Computer Terminal Corporation
DATAPOINT 2200


IBM
BRIGHTNESS
IN PROCESS
POWER ON
POWER OFF
REVERSE DISPLAY
BASIC
APL
RESTART
DISPLAY REGISTERS
NORMAL
EXECUTE
HOLD
CMD
CHAIN
CLOSE
DATA
DEF
DIM
END
FOR
GET
GOSUB
GOTO
IF
INPUT
LET
MAT
NEXT
OPEN
PAUSE
PRINT
PUT
READ
REM
RESET
RESTR
RETRN
STOP
USE
USING
SWITCH REGIS
CONTROL REGISTER


Panasonic
SAMS
COMPUTER
FUEL
LIFT 3
TOP 000000
TI-99/4A
Texas Instruments
TI-99/4A
Solid State Software
TPUG
VIC 20
THE WONDER COMPUTER OF THE 1980s
commodore
COMPUTER
I LOVE MY PET
I Logged On
BIX


the digital group
OSBORNE
I OWN A
CENTIPEDE
ATARI
KAYPRO


The Commodore PET
commodore
PET
personal computer


commodore
SuperPET
computer
commodore
CBM
dual drive floppy disk


sinclair
ZX81


WORDSTAR® COMMANDS
KLEERTEX™ TEMPLATE FOR OSBORNE 1® COMPUTER


WOPR
War Operation Plan Response
EndRun
TECHNOLOGIES
Exhibit 53


SANYO
GAME OVER
PRESS ANY KEY TO PLAY AGAIN
PROGRAM L
BASIC (VARIOUS
SNAKE
SCRAPPY BIRD
LIFE
GOMOKU
SHOOTING STARS
ANIMAL
WUMPUS
FORTH
CHESS
SCRAPPY BIRD
HIGH SCORES

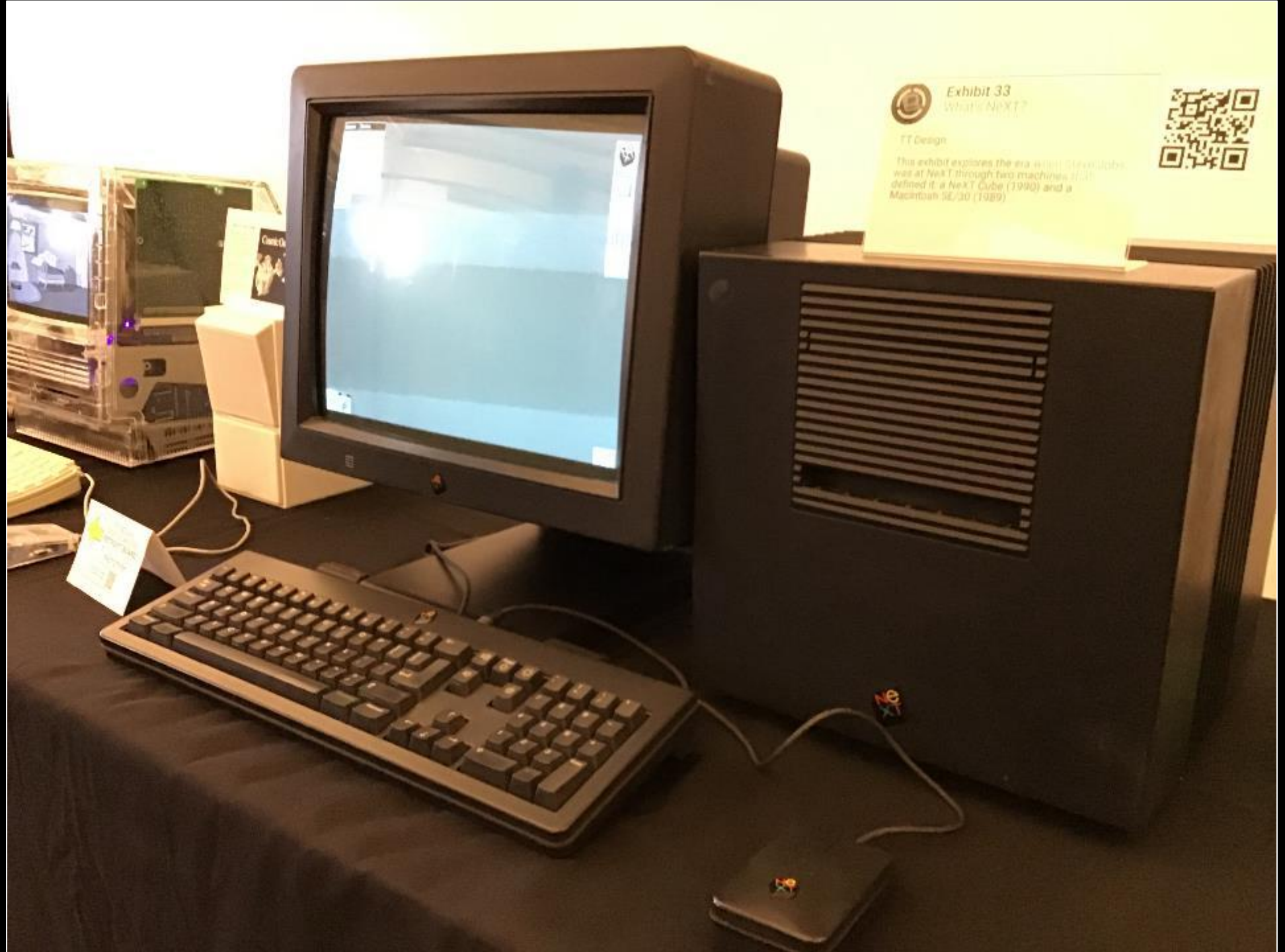
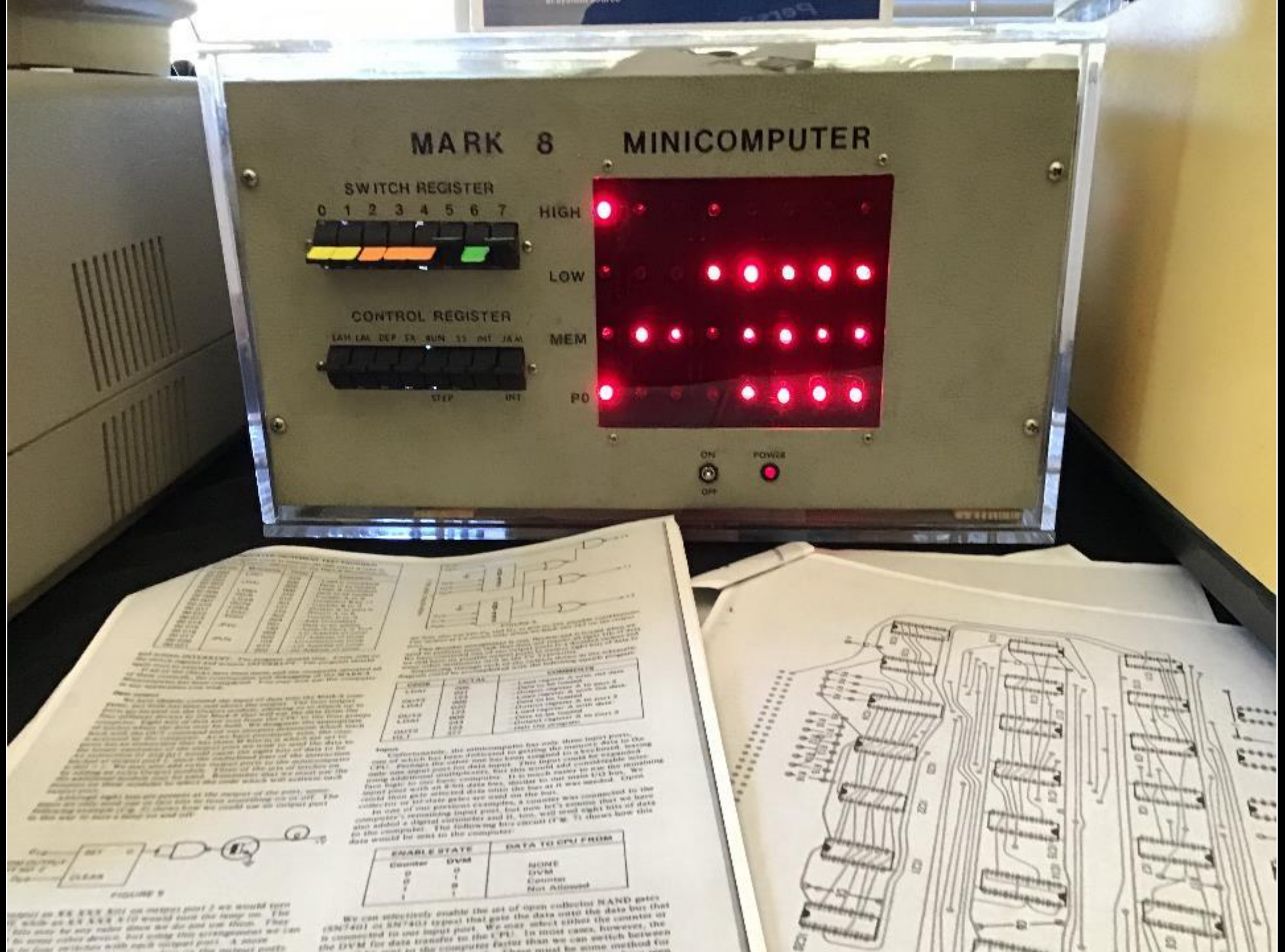
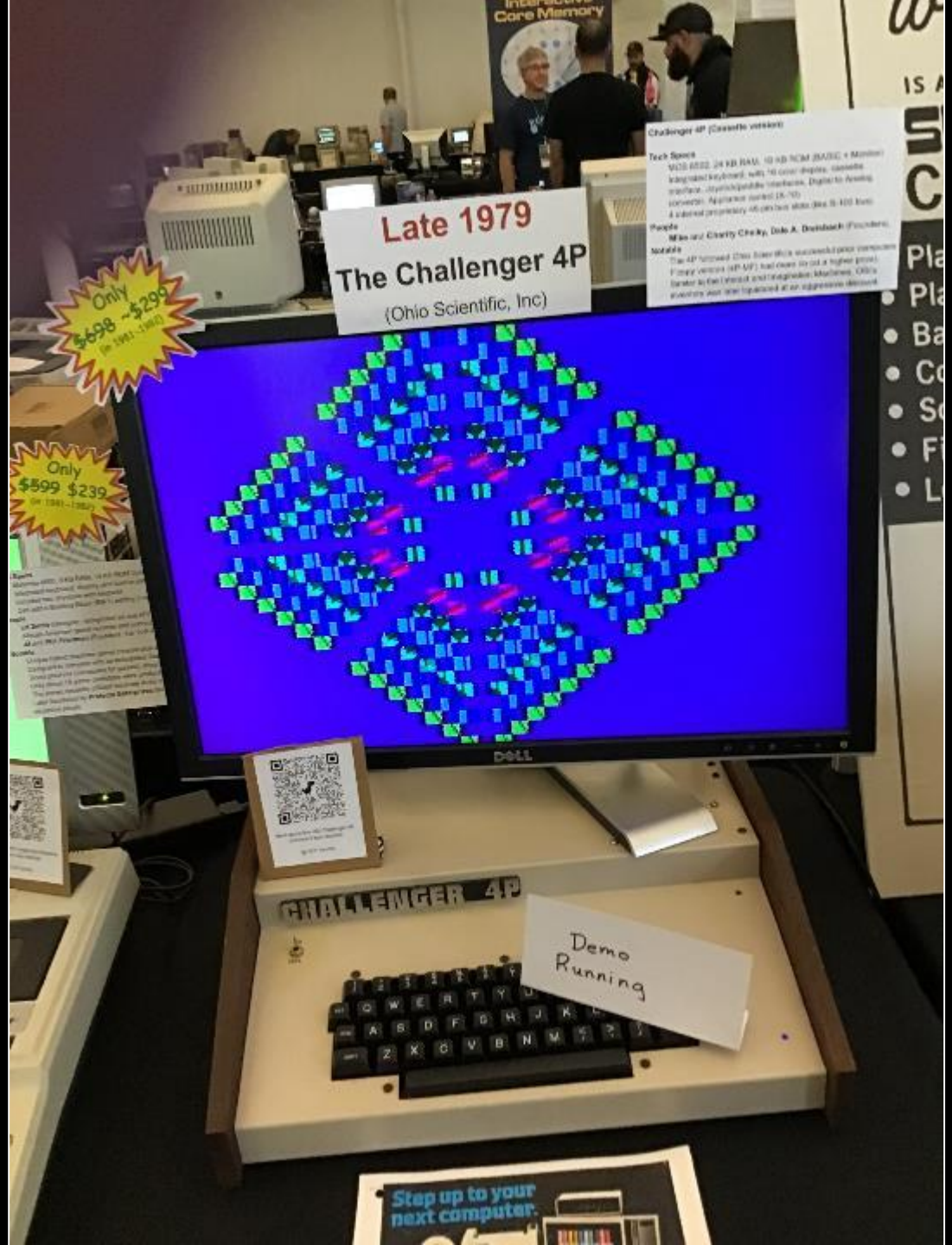


Exhibit 33
What's NEXT?
TT Design
This exhibit explores the era
was at NeXT through two machines
defined it: a NeXT Cube (1990) and a
Macintosh SE/30 (1989)

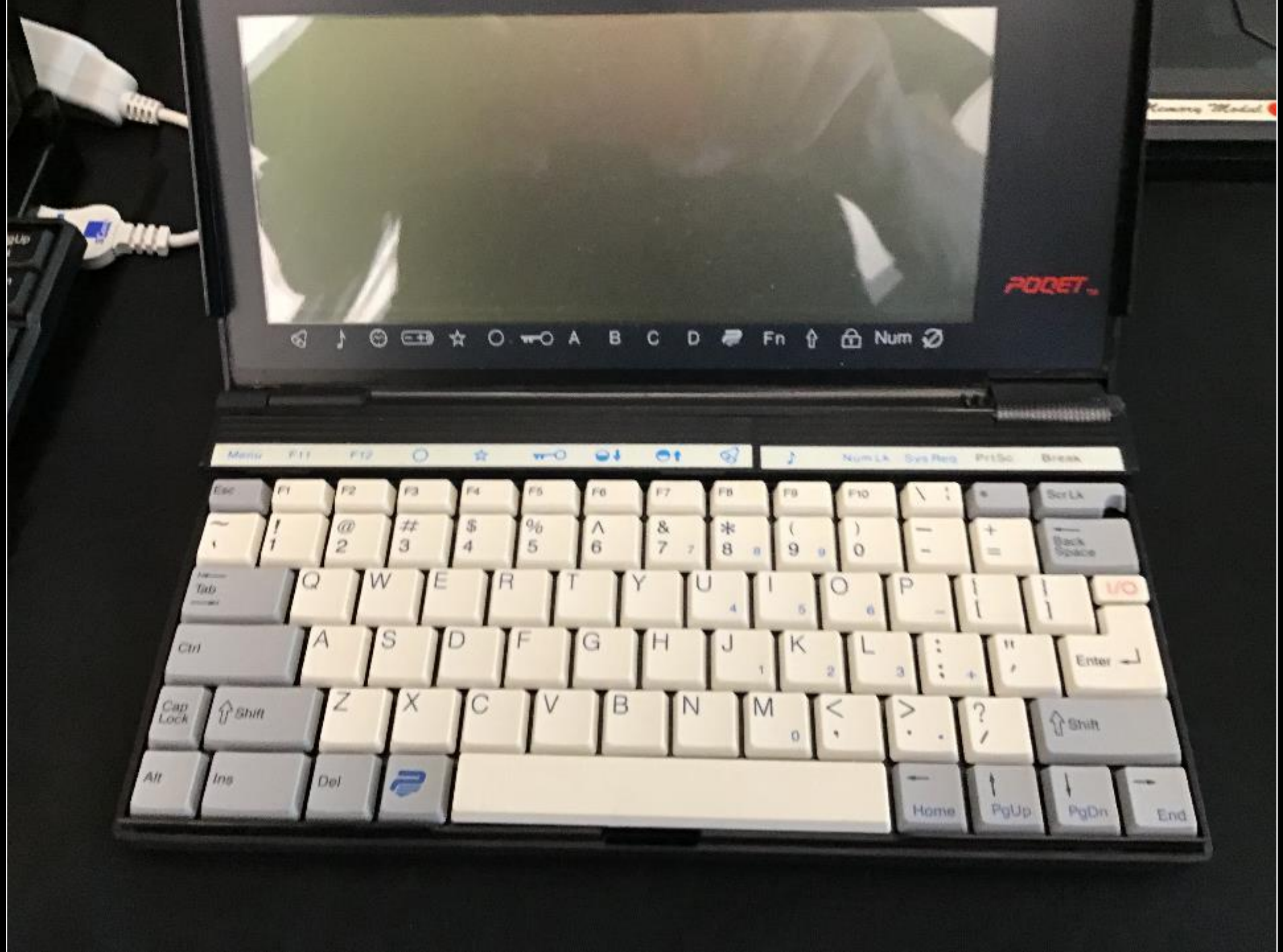

MARK 8 MINICOMPUTER
SWITCH REGISTER
0 1 2 3 4 5 6 7
CONTROL REGISTER
STEP
INT
HIGH
LOW
MEM
PO
ON
OFF
POWER


Late 1979
The Challenger 4P
(Ohio Scientific, Inc)
Only $698 ~$299
Only $599 $239
CHALLENGER 4P
Demo Running
Step up to your next computer.

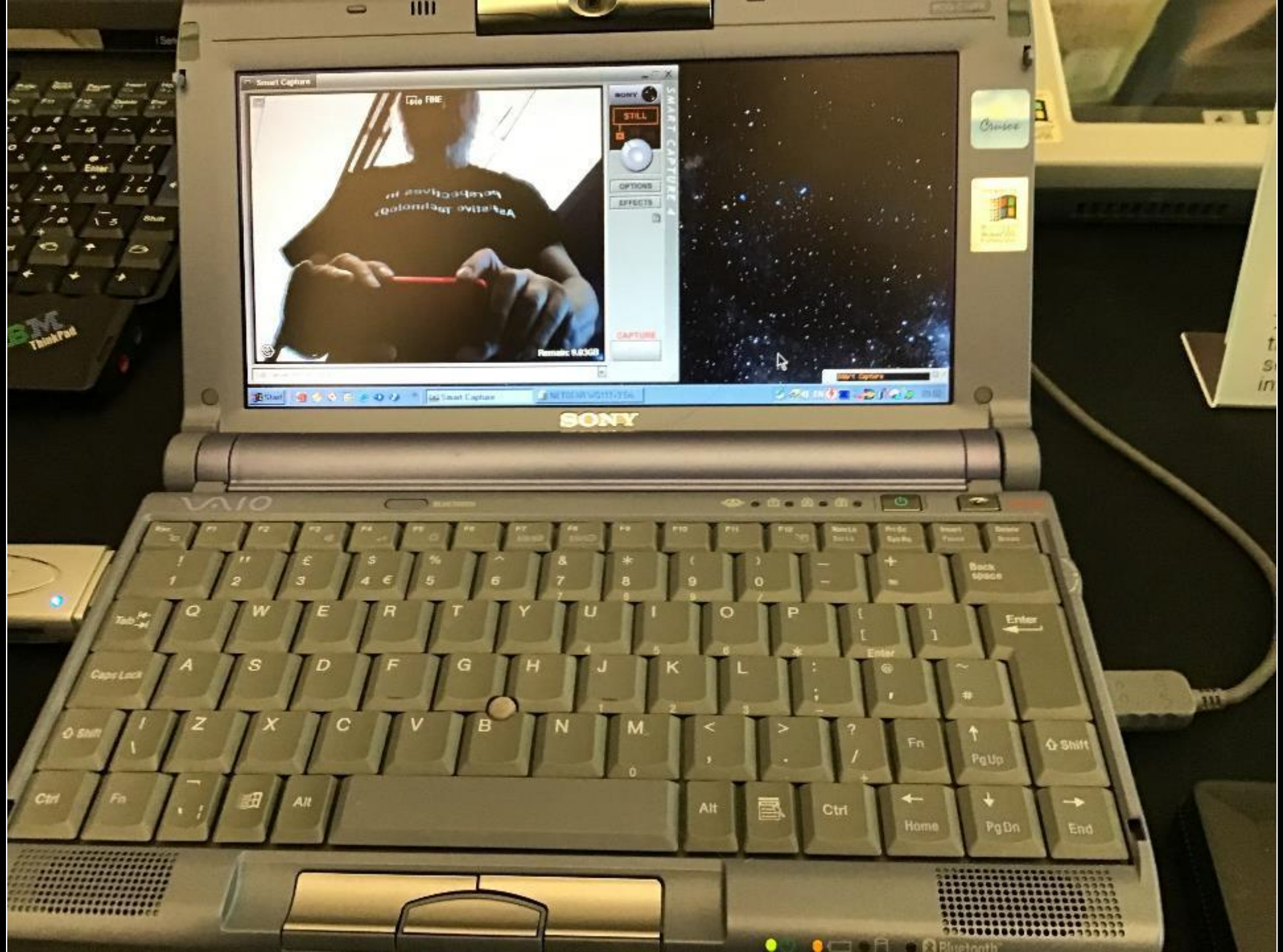
Laptops

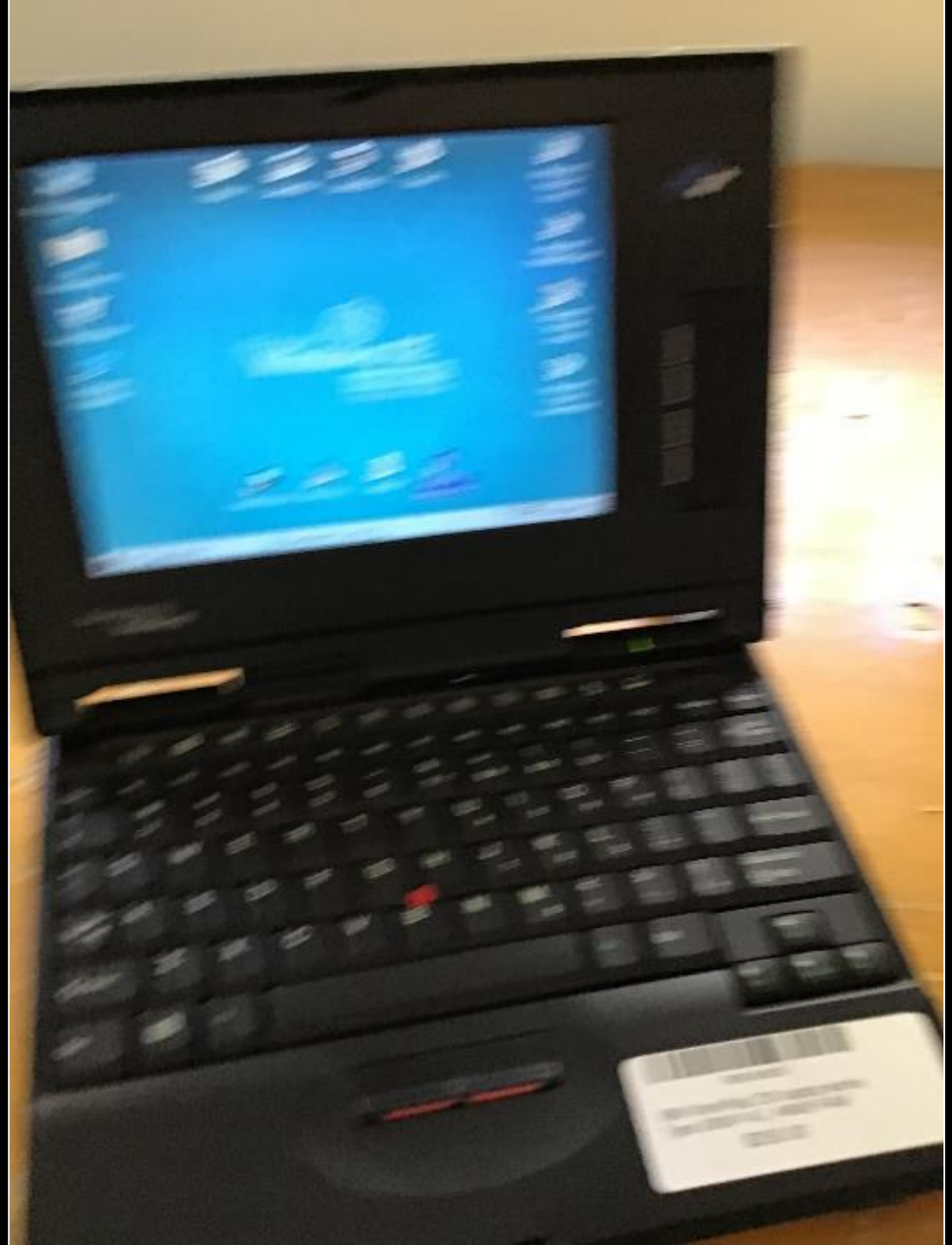

GRiD
Compass II
1129
Device
Subject
Title
Kind
Password
Bubble Memory
Docs
GRiD
TAB
ESC
SHIFT
CTRL
CODE
RETURN
SHIFT
CODE
BACK SPACE


Memory Module
HEWLETT PACKARD 200LX
Palmtop PC · 2MB RAM
Pocket Quicken
Lotus 1-2-3 cc:Mail
F1 F2 F3 F4 F5 F6 F7 F8 F9 F10
ESC TAB CTRL ALT Fn
HELP
FILER APPT PHONE MEMO QUICKEN LOTUS HP CALC MORE
SCRL INS DEL HOME PG UP PG DN END OFF ON
ENTER BREAK MENU
ZOOM DATE TIME
CAPS PRT SC CUT COPY PASTE
LAST STO RCL


POQET
A B C D Fn Num
Esc F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 Scr Lk
Back Space
Tab
Q W E R T Y U I O P
Ctrl
A S D F G H J K L
Enter
Cap Lock
Shift
Z X C V B N M
Alt
Ins
Del
Home
PgUp
PgDn
End


ATARI
F1 F2 F3 F4 F5 F6 F7 F8 F9 F10
Esc
Q W E R T Y U I O P
Lock
A S D F G H J K L
Z X C V B N M
Ins Del
Fn Ctrl Alt
Home
Pg Up
Pg Dn
End

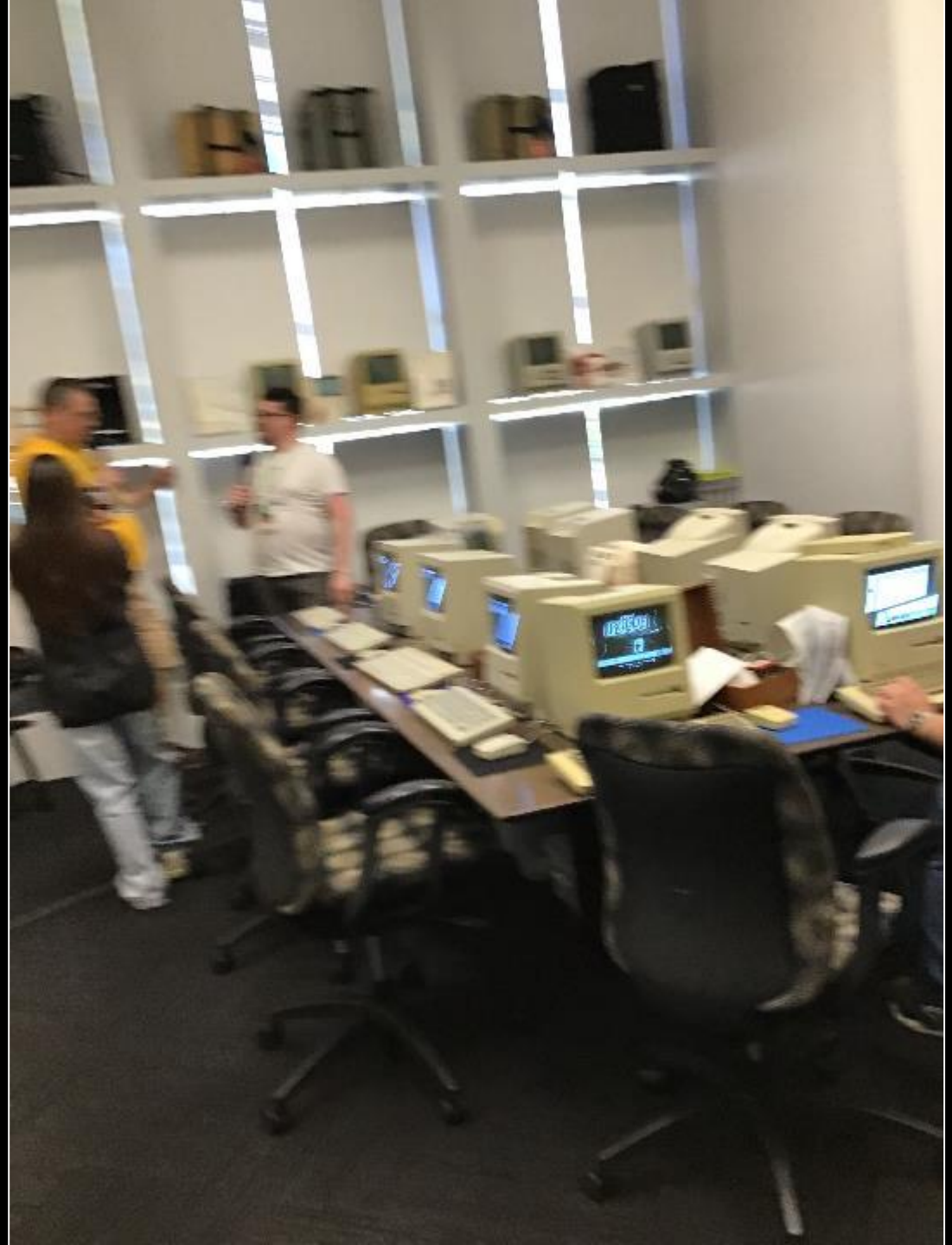

Smart Capture
SONY
STILL
OPTIONS
EFFECTS
CAPTURE
SMART CAPTURE 4
VAIO
SONY
Caps Lock
Shift
Ctrl
Fn
Alt
Enter
Back space
Home
Pg Up
Pg Dn
End
Bluetooth



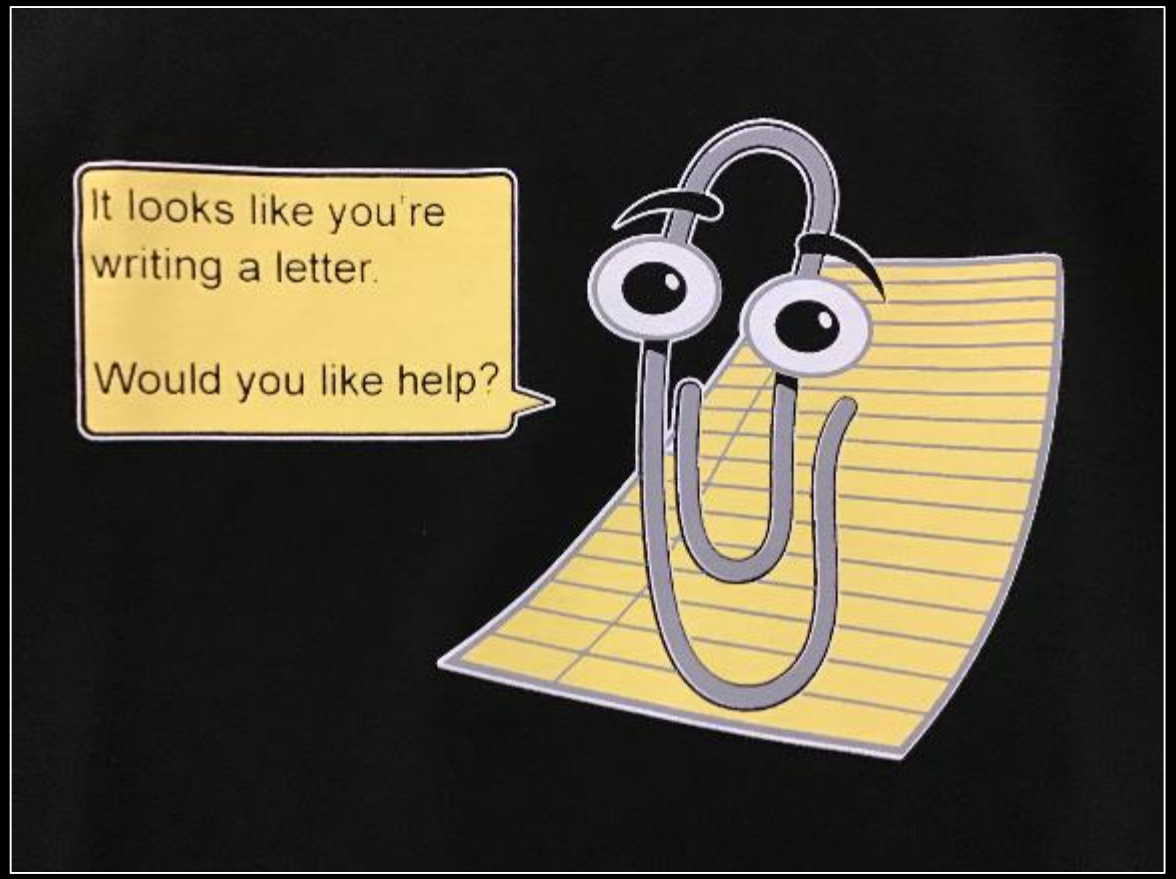

TOSHIBA

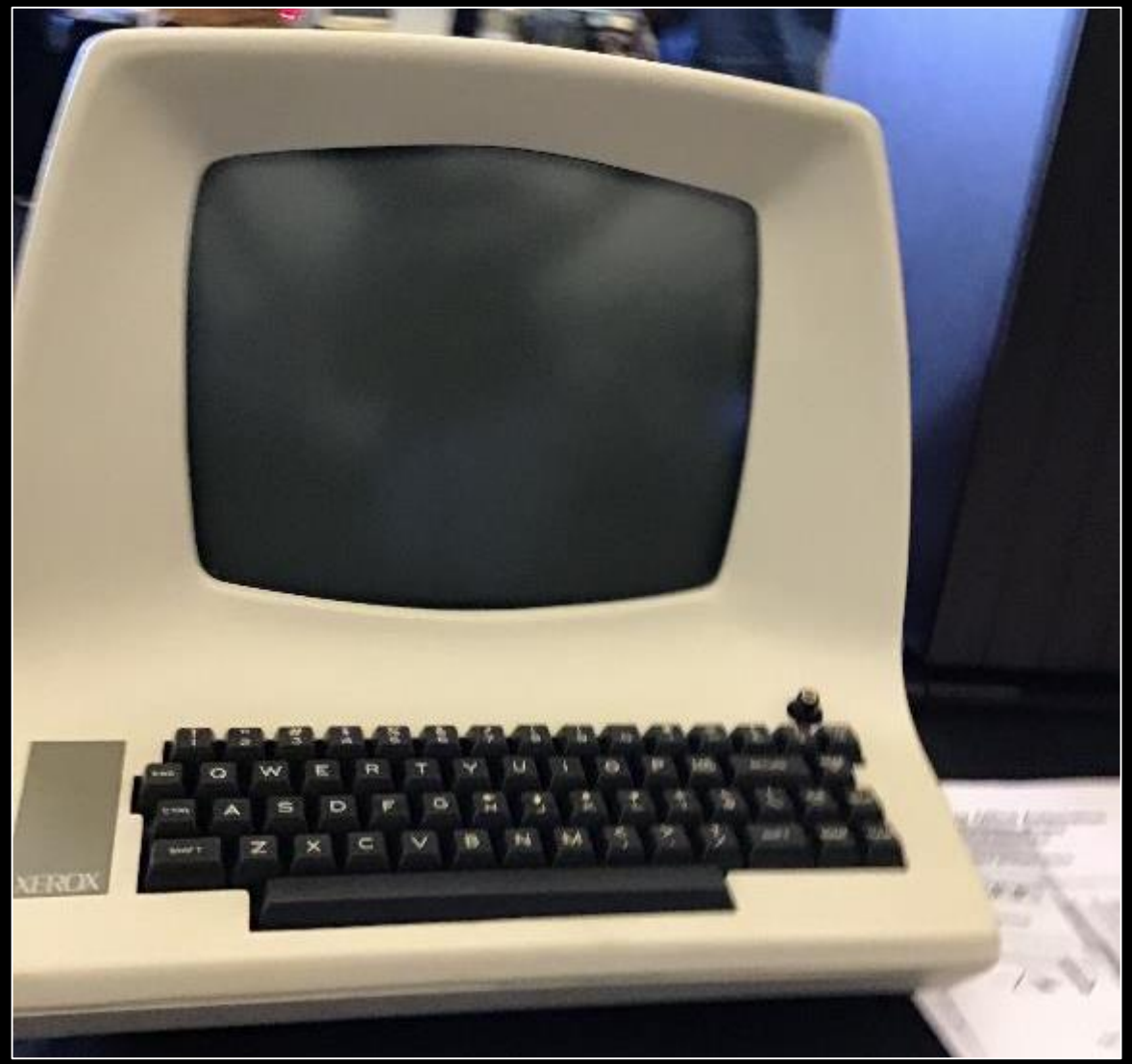

Newton
eMate 300
"eMate Estate" - VCF West 2026

Miscellaneous

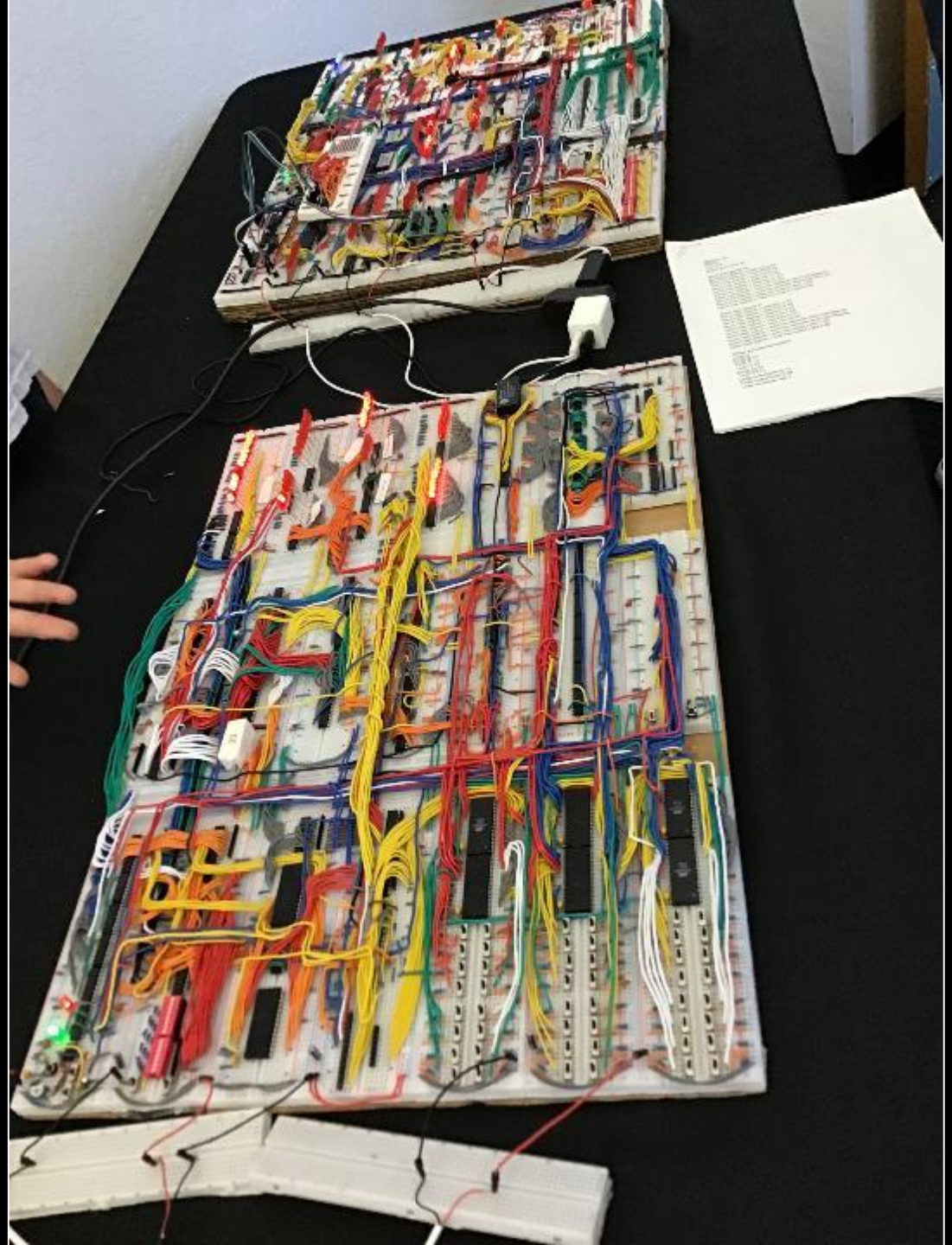



CP/M
60k CP/M 2.2 copyright 1981 by Di
A>_

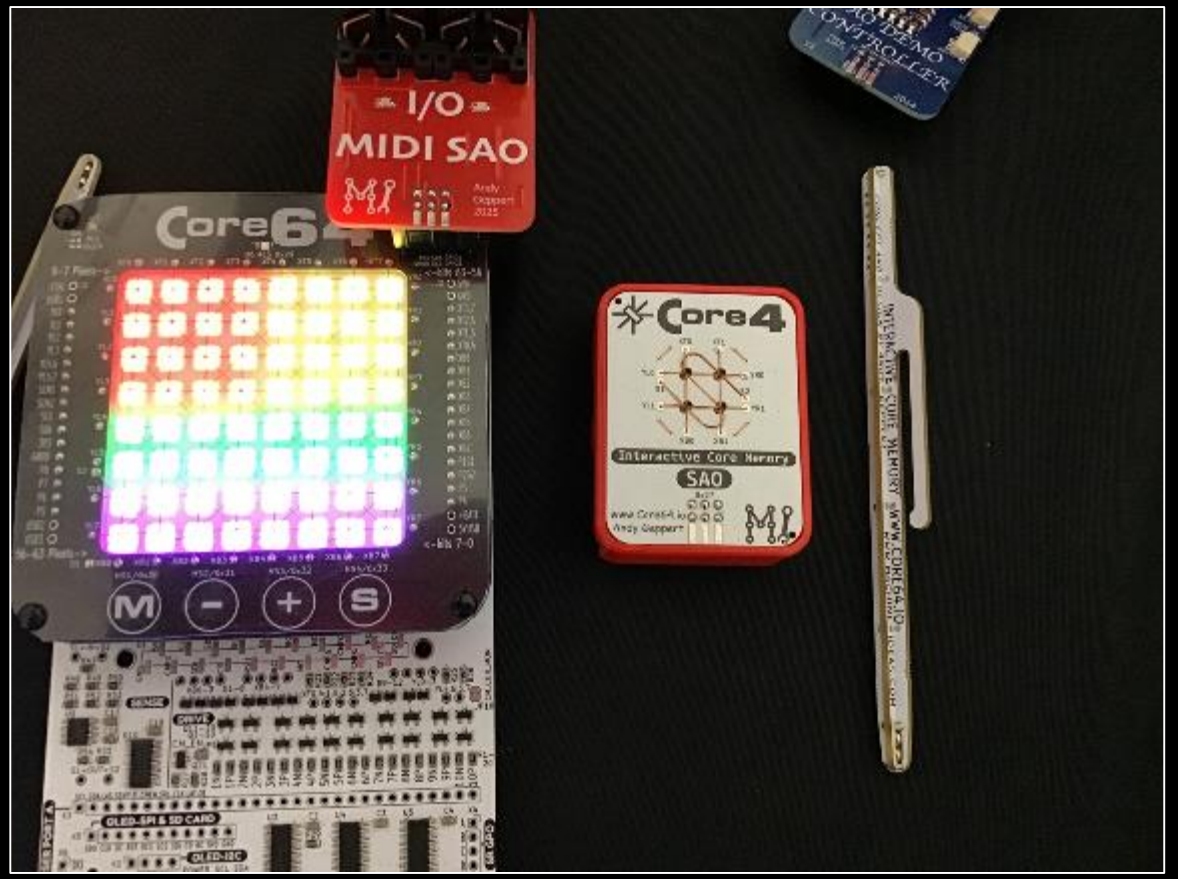

It looks like you're writing a letter.
Would you like help?


XEROX

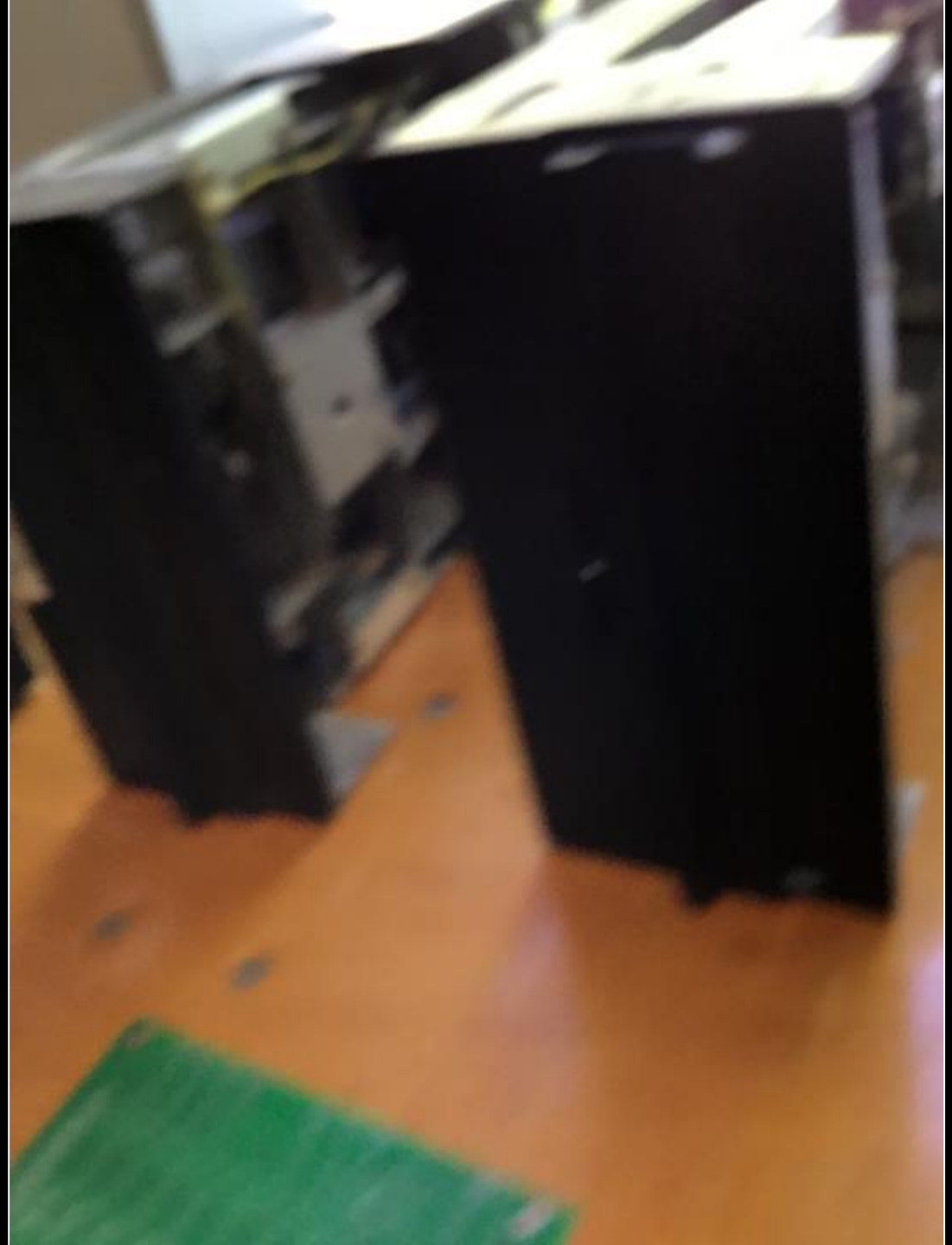

DGKeffke




Interactive
Core Memory Kit
$189
Assembly Requi
Core64


I/O
MIDI SAO
Core64
Core4
Interactive Core Memory
SAO
M
S
OLED-SPI & SD CARD
OLED-I2C

Media




zip
scsi
100
iomega
3 Drives in One
Expand your hard drive with unlimited capacity
100MB at a time
Take it with you
Zip drive and disks are portable
Backup your hard drive
fast and easy
Peerless
Peerless
REV
jazz
HOW TO HOLD 70 floppy
IN THE PALM OF YOUR HAND.
COMPLETE PORTABILITY.
You've got insurance
crashe


$50
$25
$25
$25
WARRANTY VOID IF

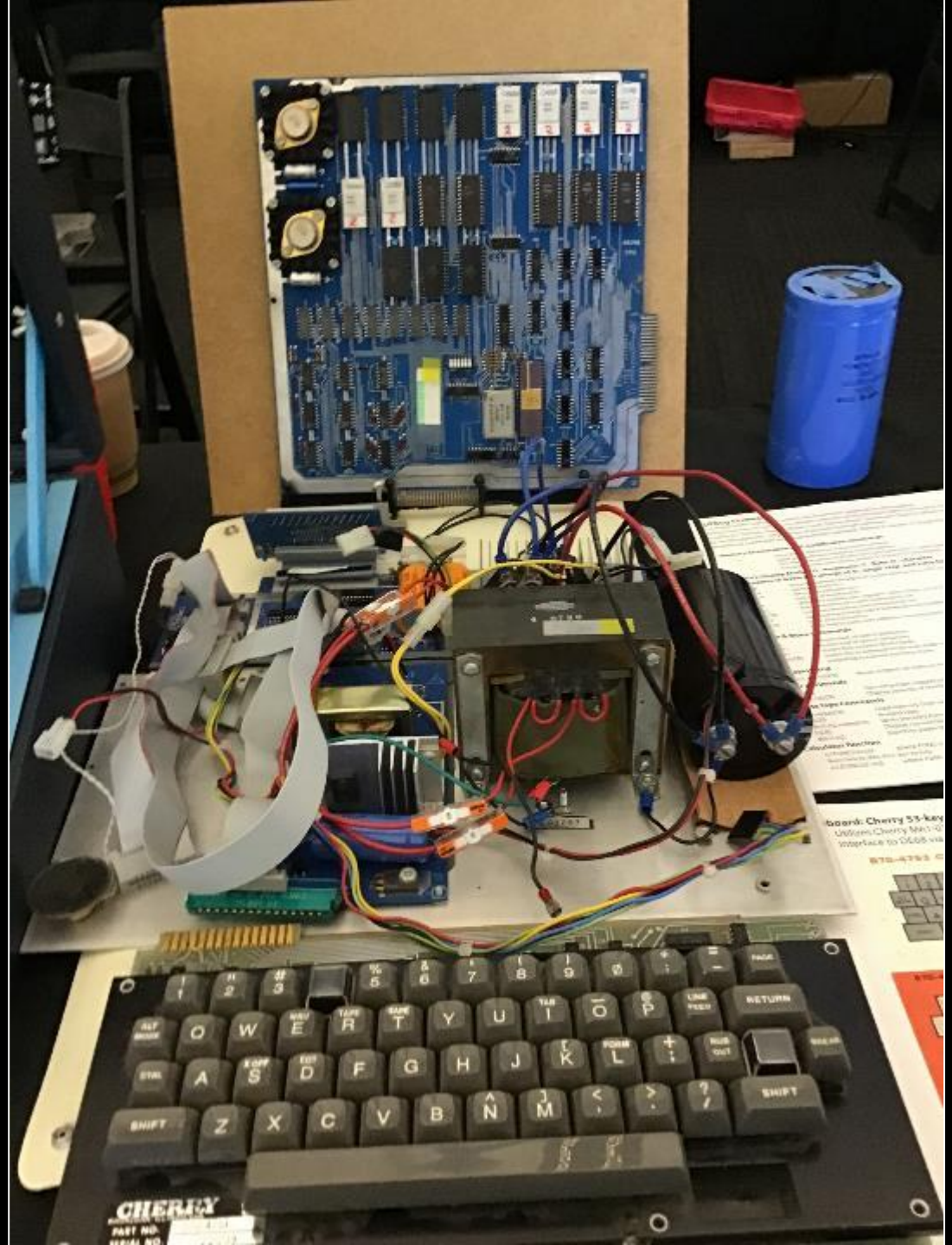
Unidentified

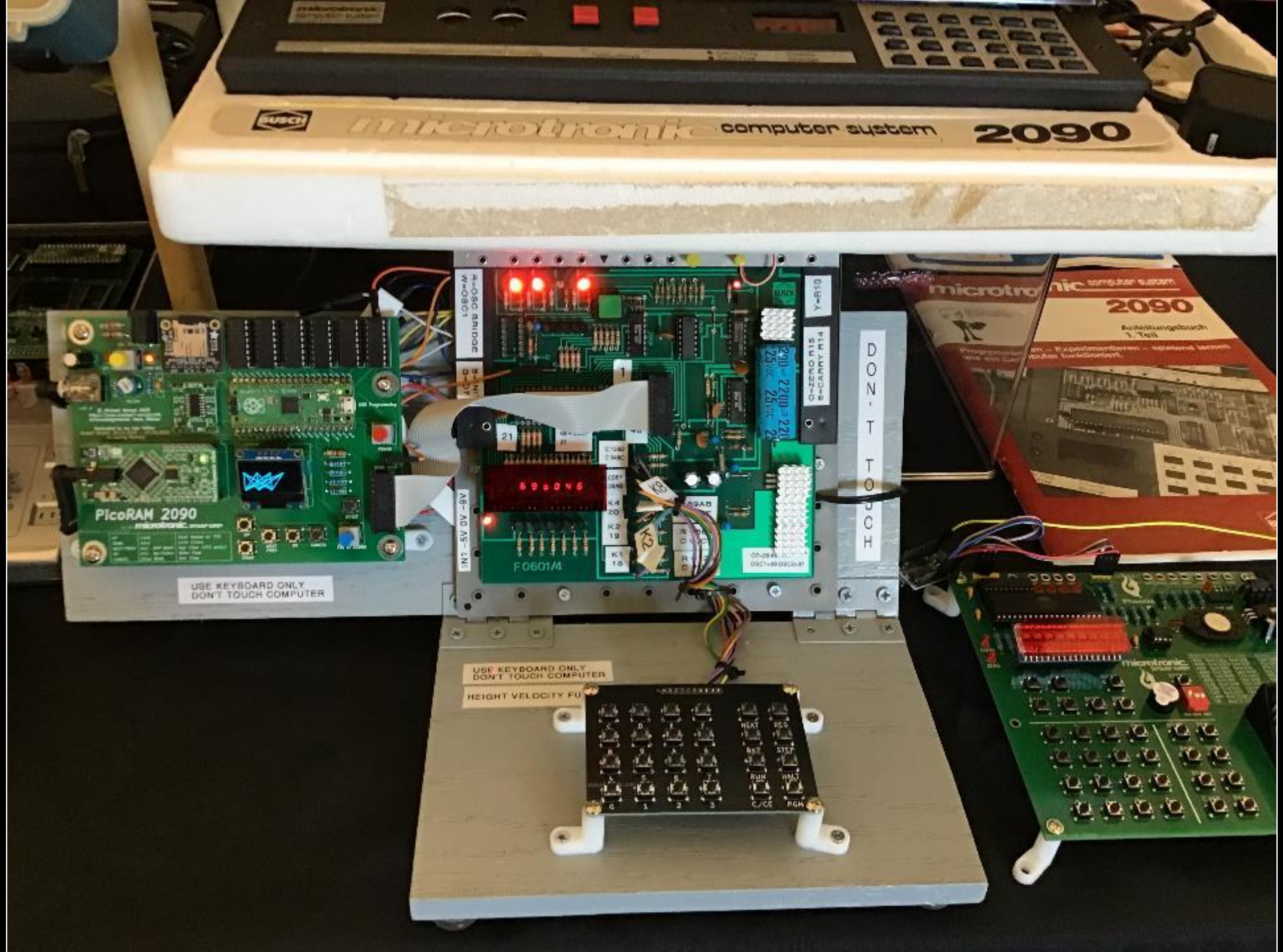
General Electric EF-140 Analog Computer (1961)

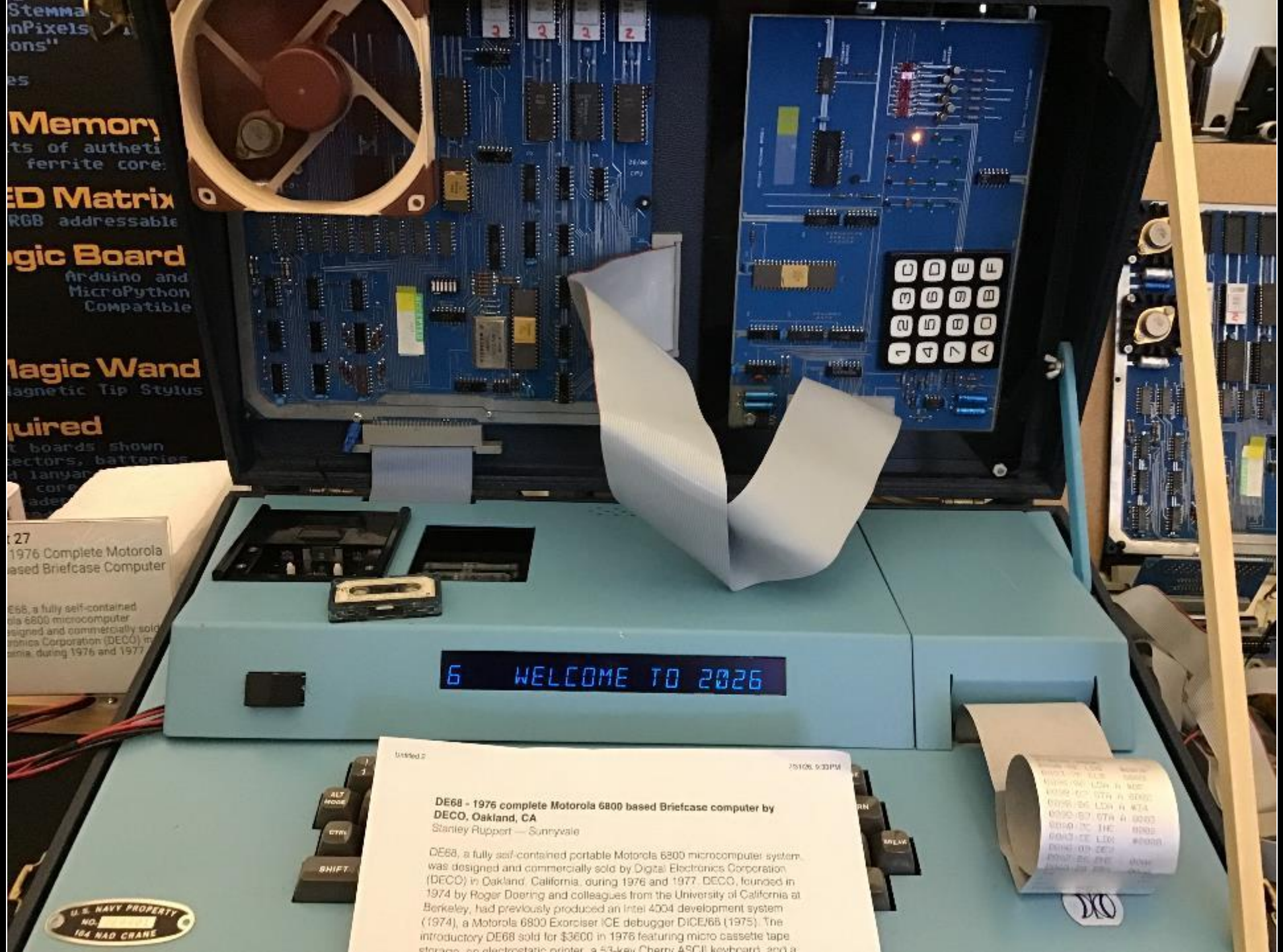
National Radio Institute Model 832
Digital Computer (1971)

The National Radio Institute 832 was one of the first commercially available computer as a kit. It was sold as part of a correspondence computer course.

This is what Lou Frenzel, the designer of the NRI-832, have to say about his creation:


RETURN
SHIFT
SHIFT
CHERRY


microtronic
computer system
2090
PicoRAM 2090
microtronic
USE KEYBOARD ONLY
DON'T TOUCH COMPUTER
F0601/4
DON-T TORCH
USE KEYBOARD ONLY
DON'T TOUCH COMPUTER
HEIGHT VELOCITY FU
microtronic
2090


Memory
ED Matrix
RGB addressable
gic Board
Arduino and
MicroPython
Compatible
Magic Wand
Magnetic Tip Stylus
quired
6 WELCOME TO 2026
DE68 - 1976 complete Motorola 6800 based Briefcase computer by DECO, Oakland, CA
Stanley Ruppert — Sunnyvale
DE68, a fully self-contained portable Motorola 6800 microcomputer system was designed and commercially sold by Digital Electronics Corporation (DECO) in Oakland, California, during 1976 and 1977. DECO, founded in 1974 by Roger Doering and colleagues from the University of California at Berkeley, had previously produced an Intel 4004 development system (1974), a Motorola 6800 Exorciser ICE debugger DICE/68 (1975). The introductory DE68 sold for $3600 in 1976 featuring micro cassette tape
U.S. NAVY PROPERTY
NO.
164 NAD CRANE


Apple 1 Replica

Announcing Zilog Z-80 microcomputer products. With the next generation, the battle is joined.

The Z-80: A new generation LSI component set including CPU and I/O Controllers.
The Z-80: Full software support with emphasis on high-level languages.
The Z-80: A floppy disc-based development system with advanced real-time debug and in-circuit emulation capabilities.
The Z-80: Multiple sourcing available now.

Your ammunition: A chip off a new block.

A single chip, N-channel processor arms you with a super-set of 158 instructions that include *all* of the 8080A's 78 instructions with *total* software compatibility. The new instructions include 1, 4, 8 and 16-bit operations. And that means less programming time, less paper and less end costs.

And you'll be in command of powerful instructions: Memory-to-memory or memory-to-I/O block transfers and searches, 16-bit arithmetic, 9 types of rotates and shifts, bit manipulation and a legion of addressing modes. Along with this army you'll also get a standard instruction speed of 1.6 μs and all Z-80 circuits require only a single 5V power supply and a single phase 5V clock. And you should know that a family of Z-80 programmable circuits allow for direct interface to a wide range of both parallel and serial interface peripherals and even dynamic memories without other external logic.

With these features, the Z80-CPU generally requires approximately 50% less memory space for program storage yet provides up to 500% more throughput than the 8080A. Powerful ammunition at a surprisingly low cost and ready for immediate shipment.

Mighty weapons against an enemy entrenched: The Z-80 development system.

You'll be equipped with performance and versatility unmatched by any other microcomputer development system in the field. Thanks to a floppy disc operating system in alliance with a sophisticated Real-Time Debug Module.

The Zilog battalion includes:

- Z80-CPU Card.
- 16K Bytes of RAM Memory, expandable to 60K Bytes.
- 4K Bytes of ROM/RAM Monitor software.
- Real-Time Debug Module and In-Circuit Emulation Module.
- Dual Floppy Disc System.
- Optional I/O Ports for other High Speed Peripherals are also available.
- Complete Software Package including Z-80 Assembler, Editor, Disc Operating System, File Maintenance and Debug.

On standby: Software support.

All this is supported by a contingent of software including: resident microcomputer software, time sharing programs, libraries and high-level languages such as PL/Z.

On standby: User support.

Zilog conducts a wide range of strategic meetings and design oriented workshops to provide the know-how required to implement the Z-80 Microcomputer Product line into your design. All hardware, software and the development system are thoroughly explained with "hands-on" experience in the classroom. Your Zilog representative can provide you with further details on our user support program.

Reinforcements: A reserve of technological innovations.

The Zilog Z-80 brings to the battlefront new levels of performance and ease of programming not available in second generation systems. And while all the others busy themselves with overtaking the Z-80, we're busy on the next generation—continuing to demonstrate our pledge to stay a generation ahead.

The Z-80's troops are the specialists who were directly responsible for the development of the most successful first and second generation microprocessors. Nowhere in the field is there a corps of seasoned veterans with such a distinguished record of victory.

Signal us for help. We'll dispatch appropriate assistance.

Zilog MICROCOMPUTERS

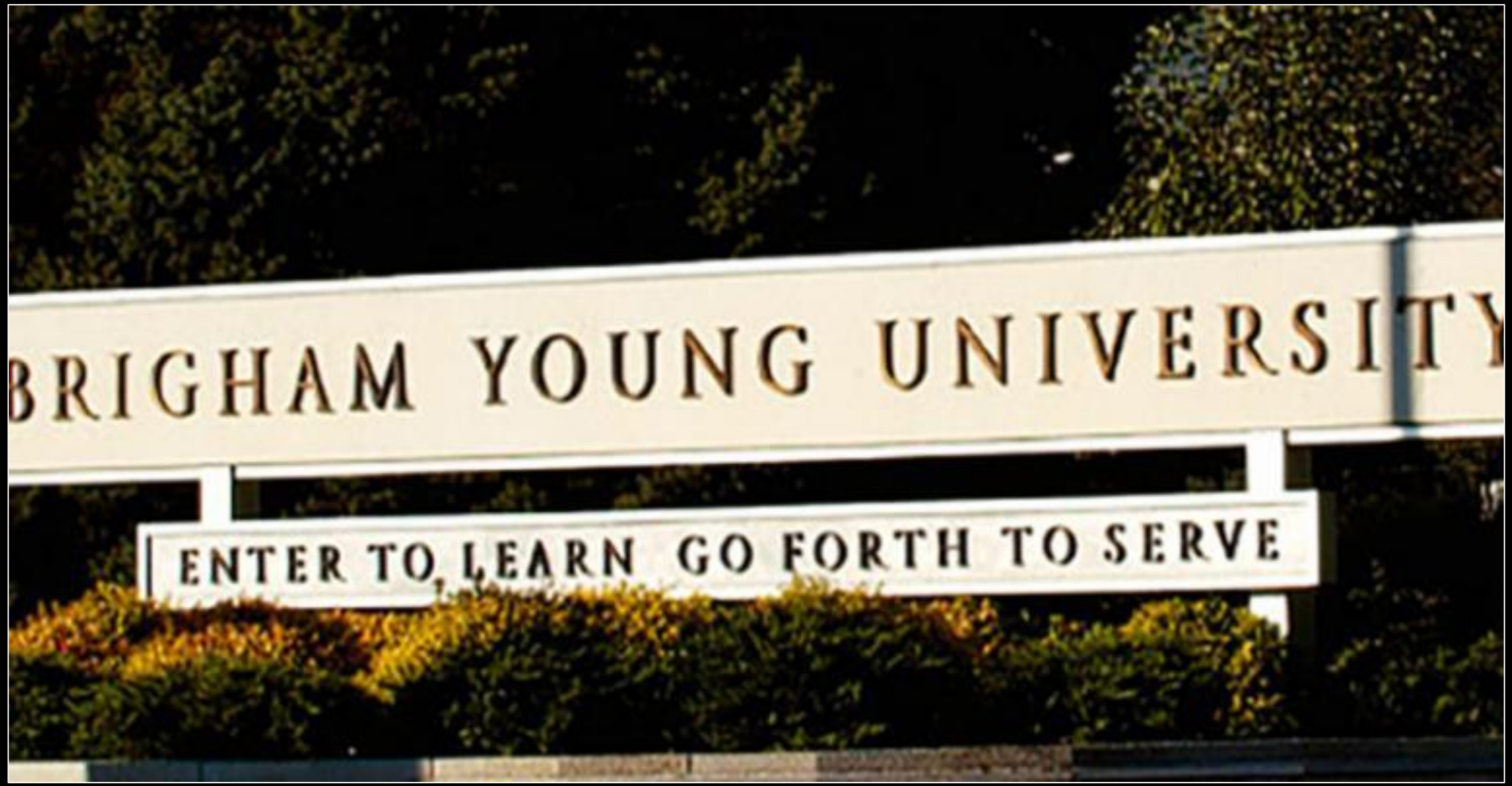
170 State Street, Los Altos, California 94022
(415) 941-5055/TWX 910-370-7955

AN AFFILIATE OF EXXON ENTERPRISES INC.

CIRCLE NUMBER

50th Anniversary of Z80!

Forth?


BRIGHAM YOUNG UNIVERSITY
ENTER TO LEARN GO FORTH TO SERVE