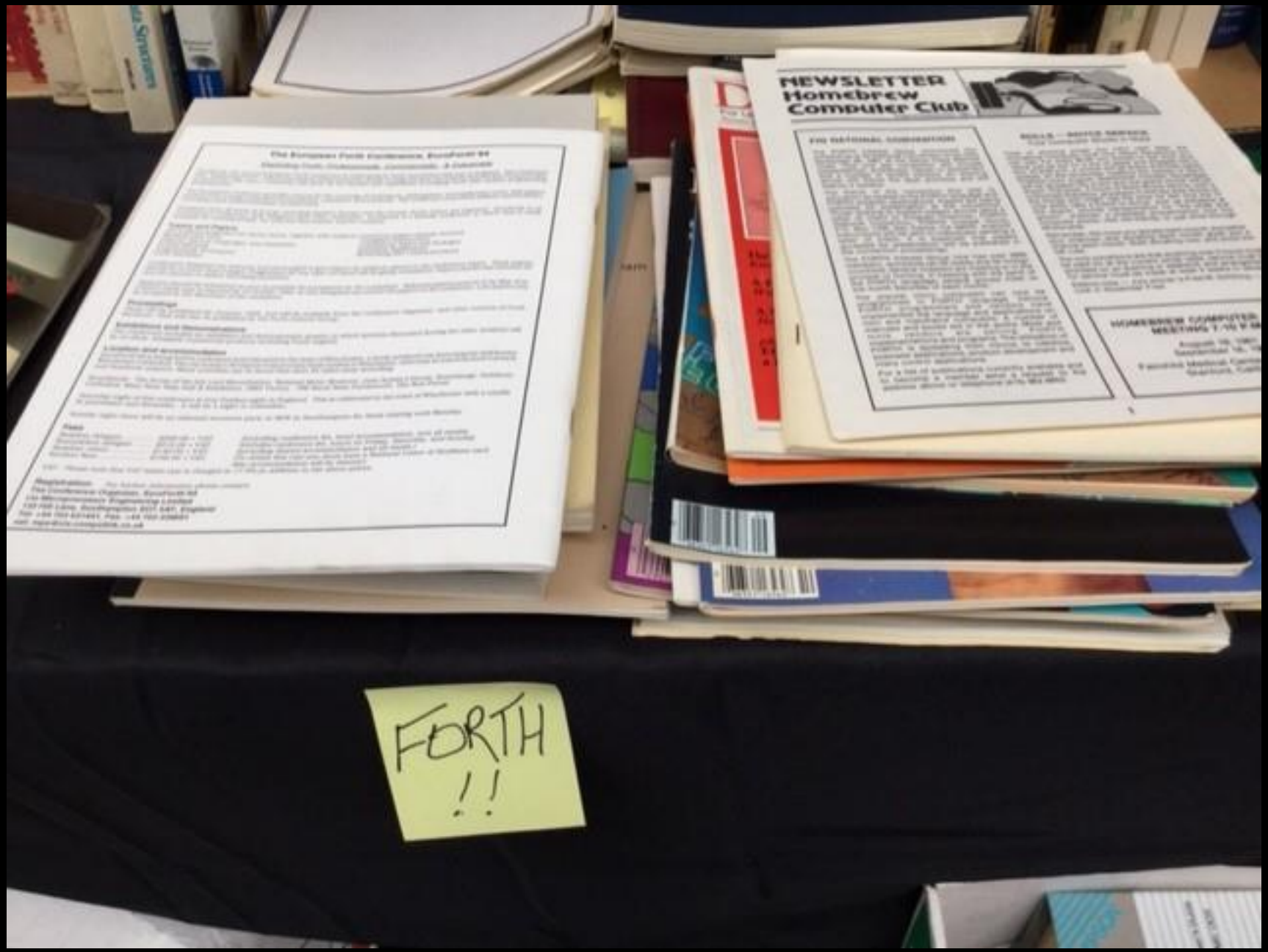
Vintage Computer Festival
Computer History Museum
August 6, 2022

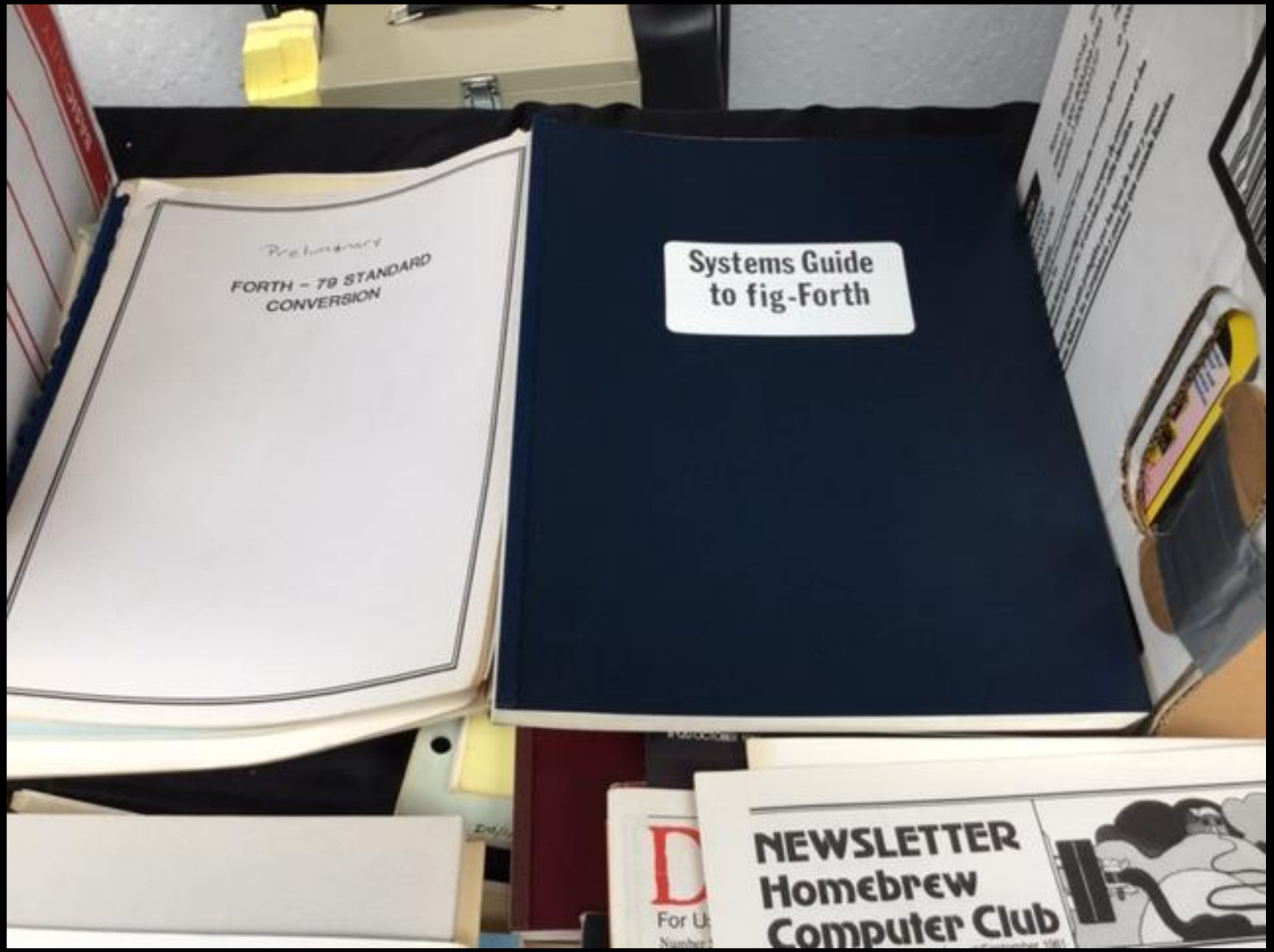
Dave Jaffe

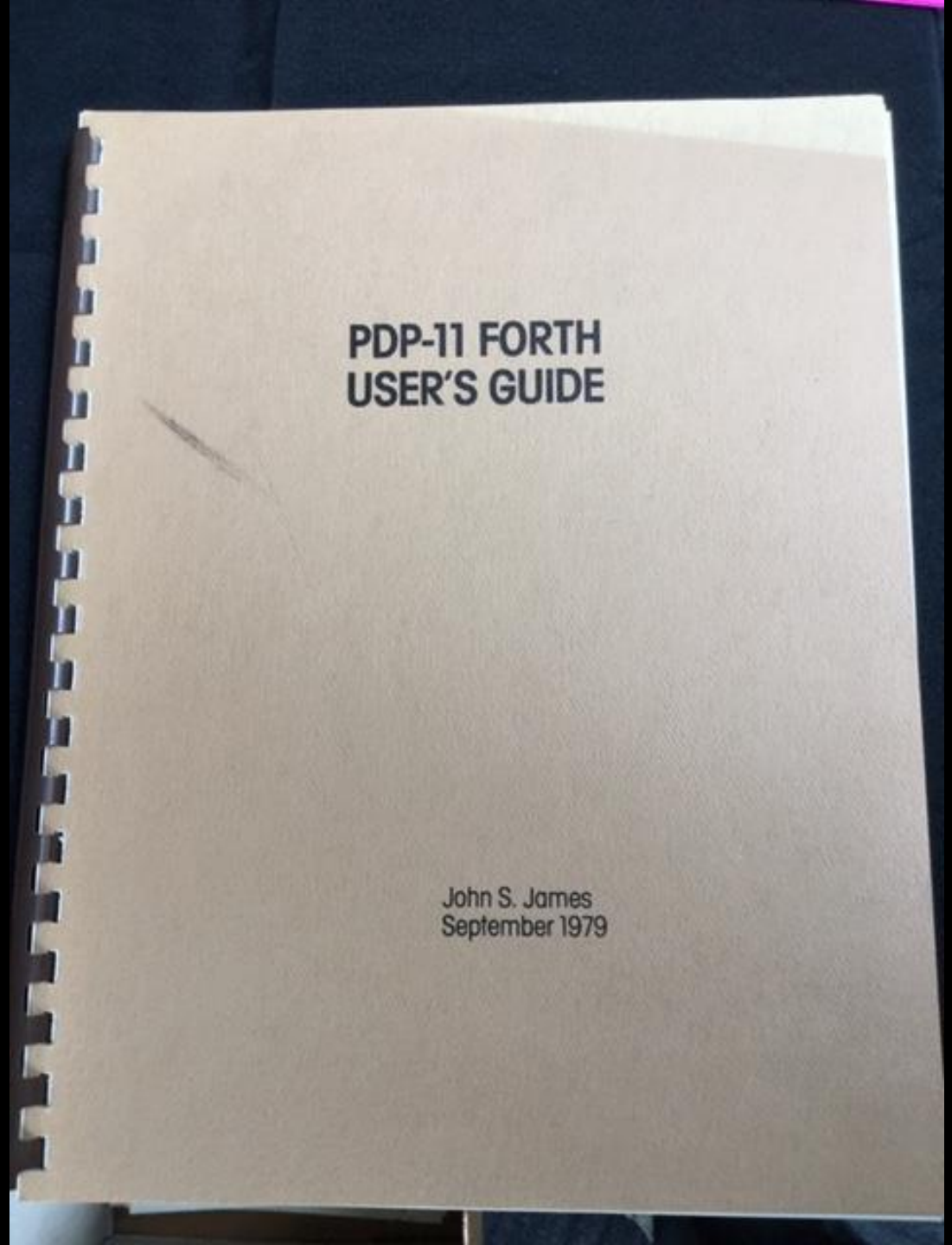
hacker inside
Moore like Chuck
VINTAGE

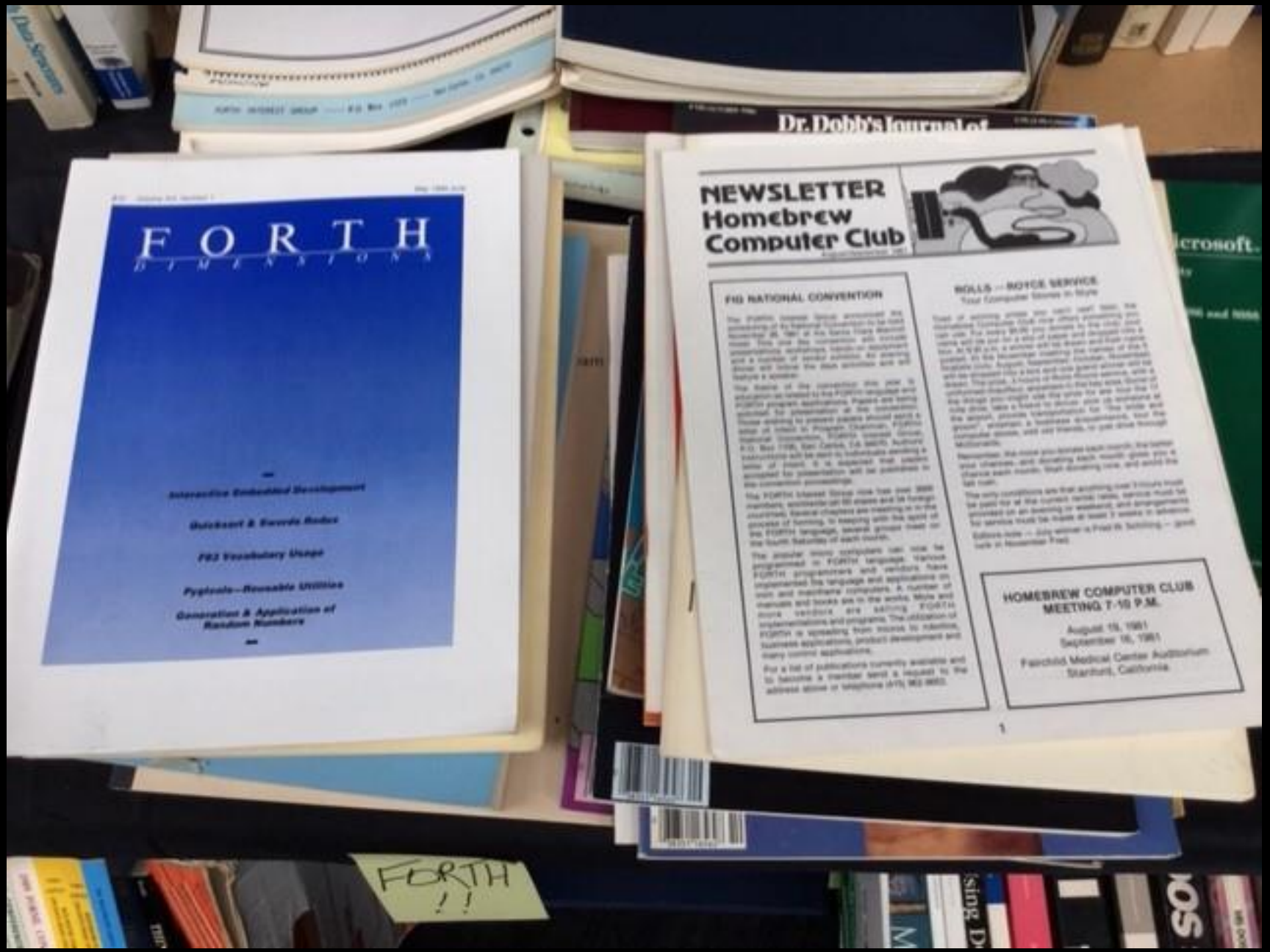
STORAGE BOX
LETTER / LEGAL
SIZE FILES

Frame your
Vintage
Computer
in Period
IBM


NEWSLETTER
Homebrew
Computer Club
FORTH
!!


Preliminary
FORTH – 79 STANDARD
CONVERSION
Systems Guide
to fig-Forth
NEWSLETTER
Homebrew
Computer Club


PDP-11 FORTH
USER'S GUIDE
John S. James
September 1979


FORTH
DIMENSIONS
Interactive Embedded Development
Quicksort & Swords Redux
F83 Vocabulary Usage
Pygtools—Reusable Utilities
Generation & Application of Random Numbers
Dr. Dobb's Journal of
NEWSLETTER
Homebrew
Computer Club
FIG NATIONAL CONVENTION
ROLLS — ROYCE SERVICE
Your Computer Stories in Style
HOMEBREW COMPUTER CLUB
MEETING 7-10 P.M.
August 19, 1981
September 16, 1981
Fairchild Medical Center Auditorium
Stanford, California
FORTH
!!

THINKING FORTH
1981 ROCHESTER FORTH STANDARDS CONFERENCE
1982 ROCHESTER FORTH CONFERENCE ON DATA BASES AND PROCESS CONTROL May 10-21 1982
1983 ROCHESTER FORTH CONFERENCE ON DATA BASES AND PROCESS CONTROL May 10-21 1982
1989 FORML CONFERENCE PROCEEDINGS
1986 FORML CONFERENCE PROCEEDINGS
1984 FORML Proceedings
1983 FORML Proceedings
1982 FORML CONFERENCE PROCEEDINGS
1981 FORML Proceedings
1980 FORML Proceedings

After Steve
Patent It Yourself
Mac OS X

2022
T-SHIRTS
$25 each
CompuPro
Cromemco
now safe to turn
your computer

Radio Shack
Vertex
ATAR

EVGA
GTX 480

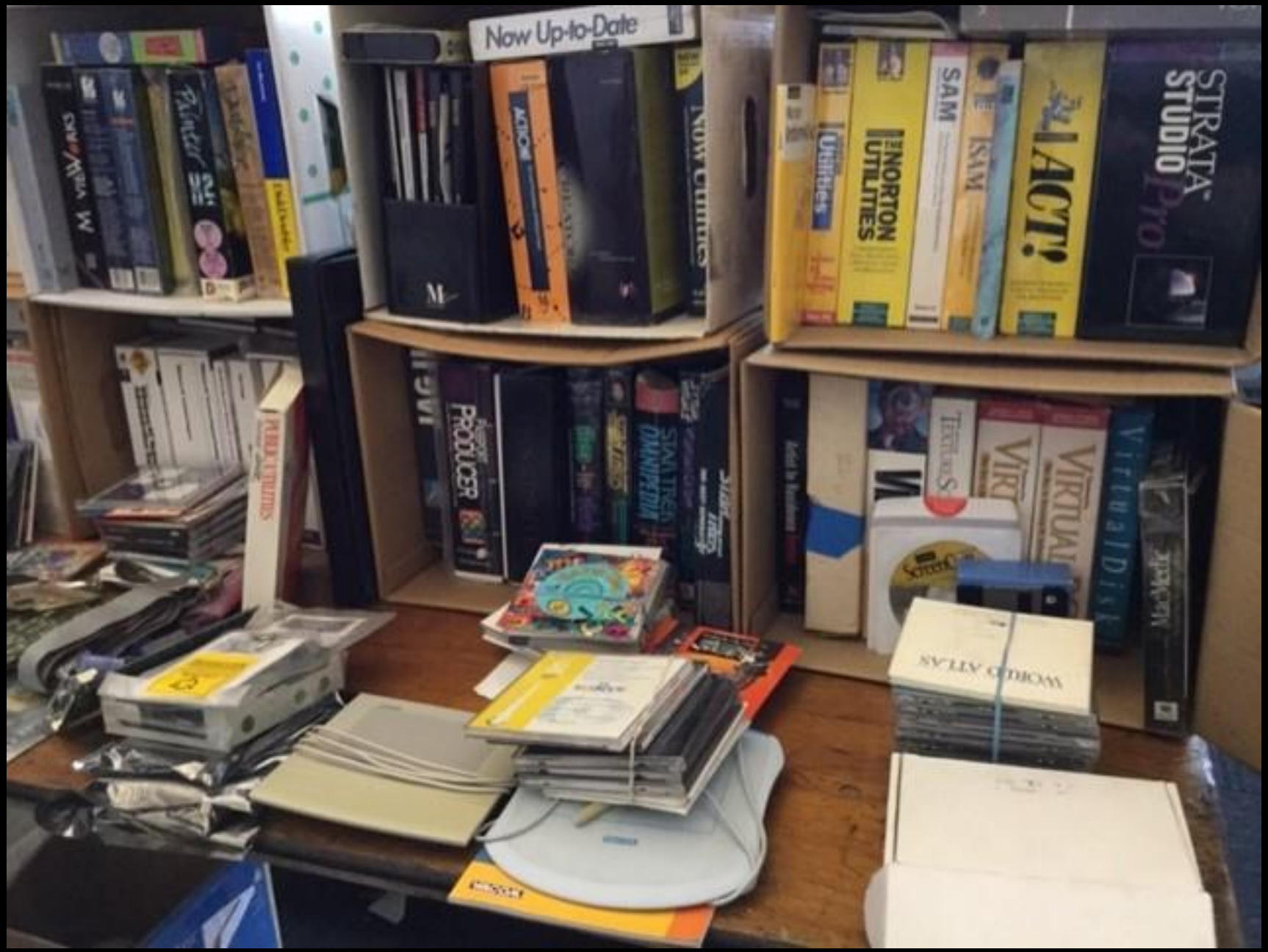
Priority Mail Service
Thank you for using Priority
postage required

Macintosh Plus

Sterilite
WARRANTY VOID IF SEAL IS BROKEN
WARRANTY VOID IF SEAL IS BROKEN

Ricochet
Radio
Modems
ricochet
Metricom
$30
- P2P netwo
- RS-232 p
- Industrial case!
- Antenna and PS included!
It's a-
Dreamcast
$150
- Power and NTSC cables
- Four controllers
- VMU
- No games. :(
- Can run Linux!

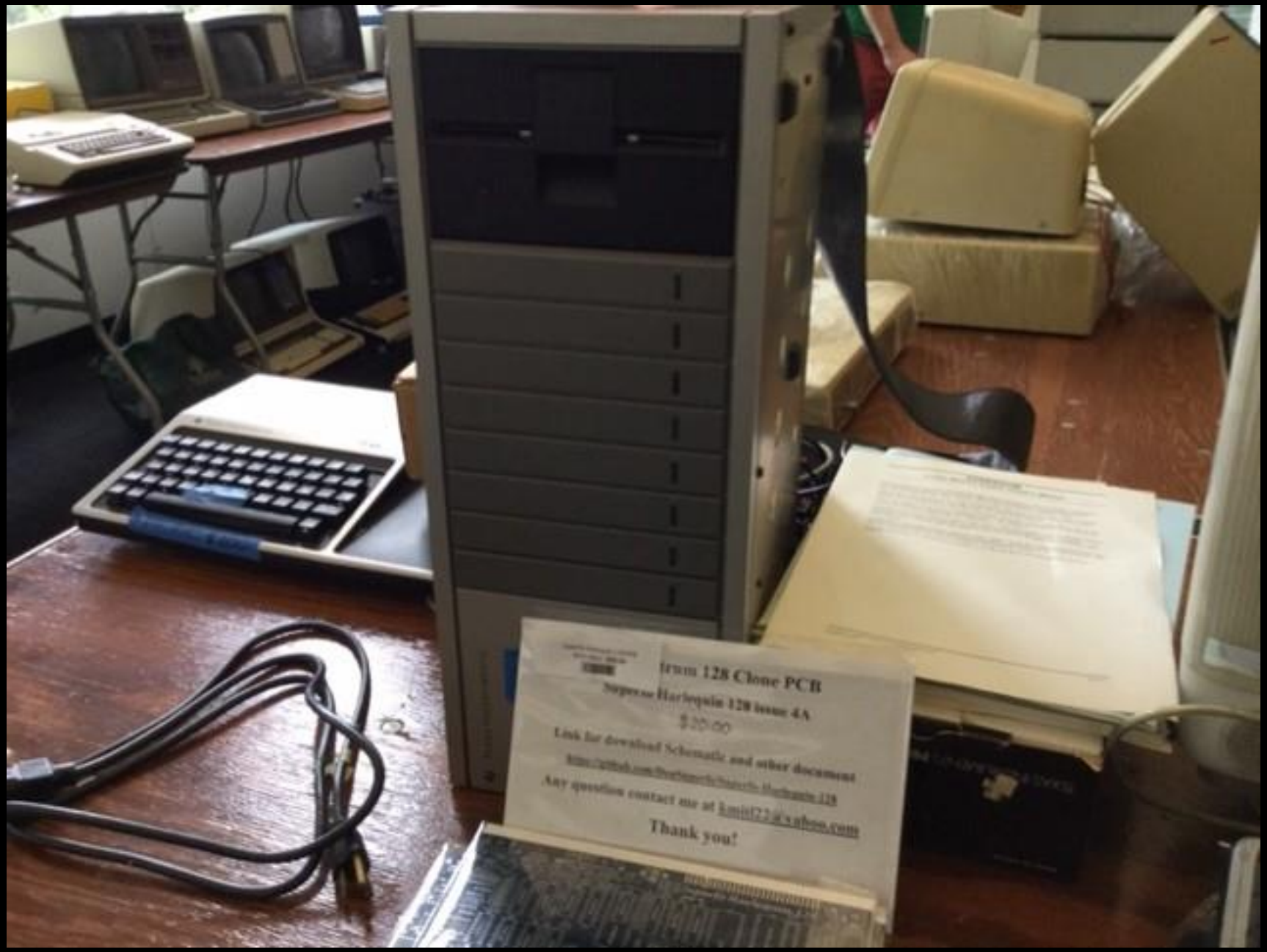
Data
Tapes


Now Up-to-Date
NORTON UTILITIES
SAM
ACT!
STRATA STUDIO Pro
PRODUCER
VIRTUAL
WORLD ATLAS

Adobe PageMaker

Macintosh, Excel for Apple, Macintosh.
Apple Interface Manual
ABX-0042 $1.00

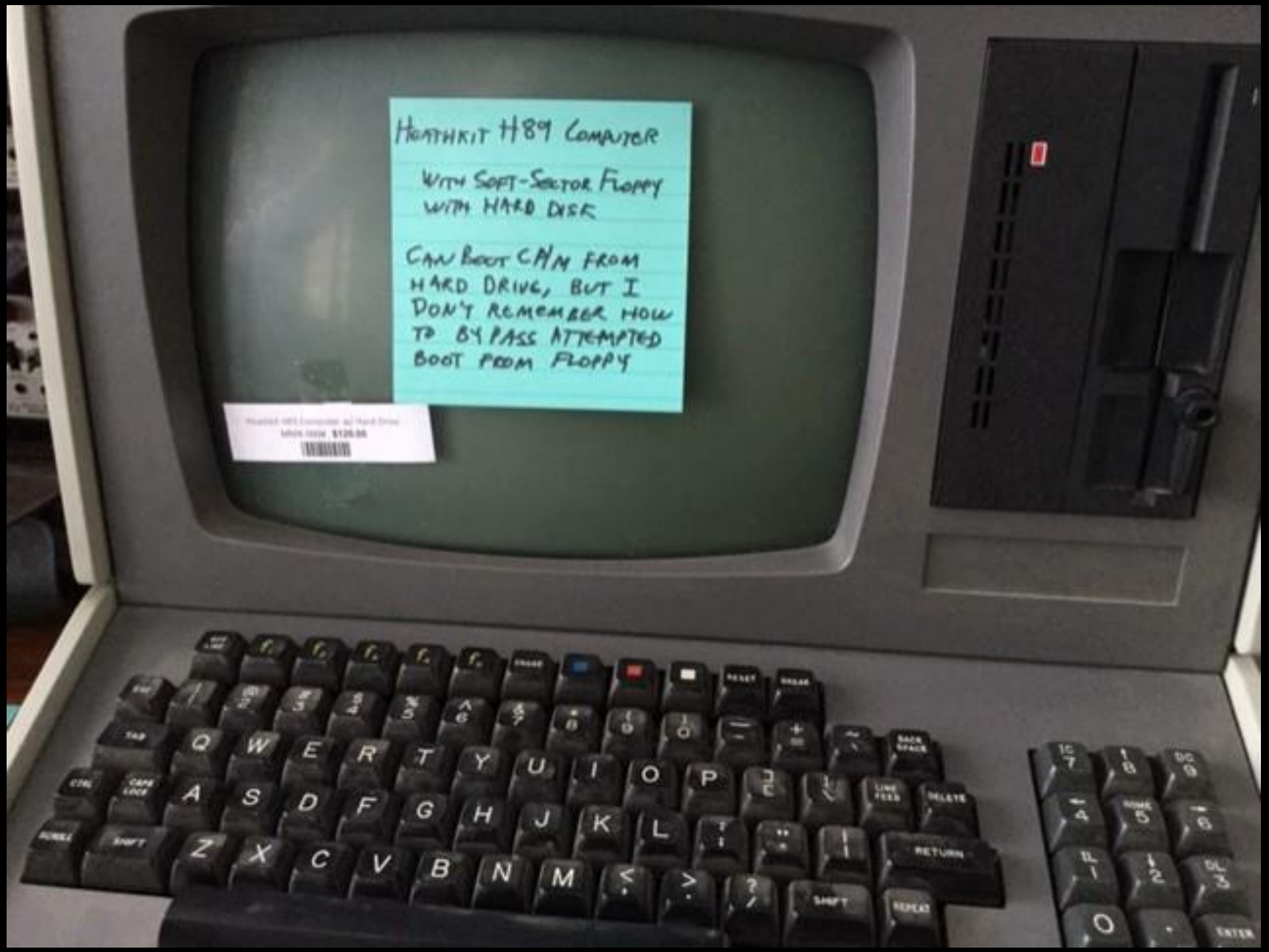
44 Megabyte Disk Cartridge
SyQuest
QUARTET
Toucan Studios Presents...


from 128 Clone PCB
Supreme Harlequin 128 issue 4A
$20.00
Link for download Schematic and other document
Any question contact me at
Thank you!

ZENITH
data systems

apple IIe

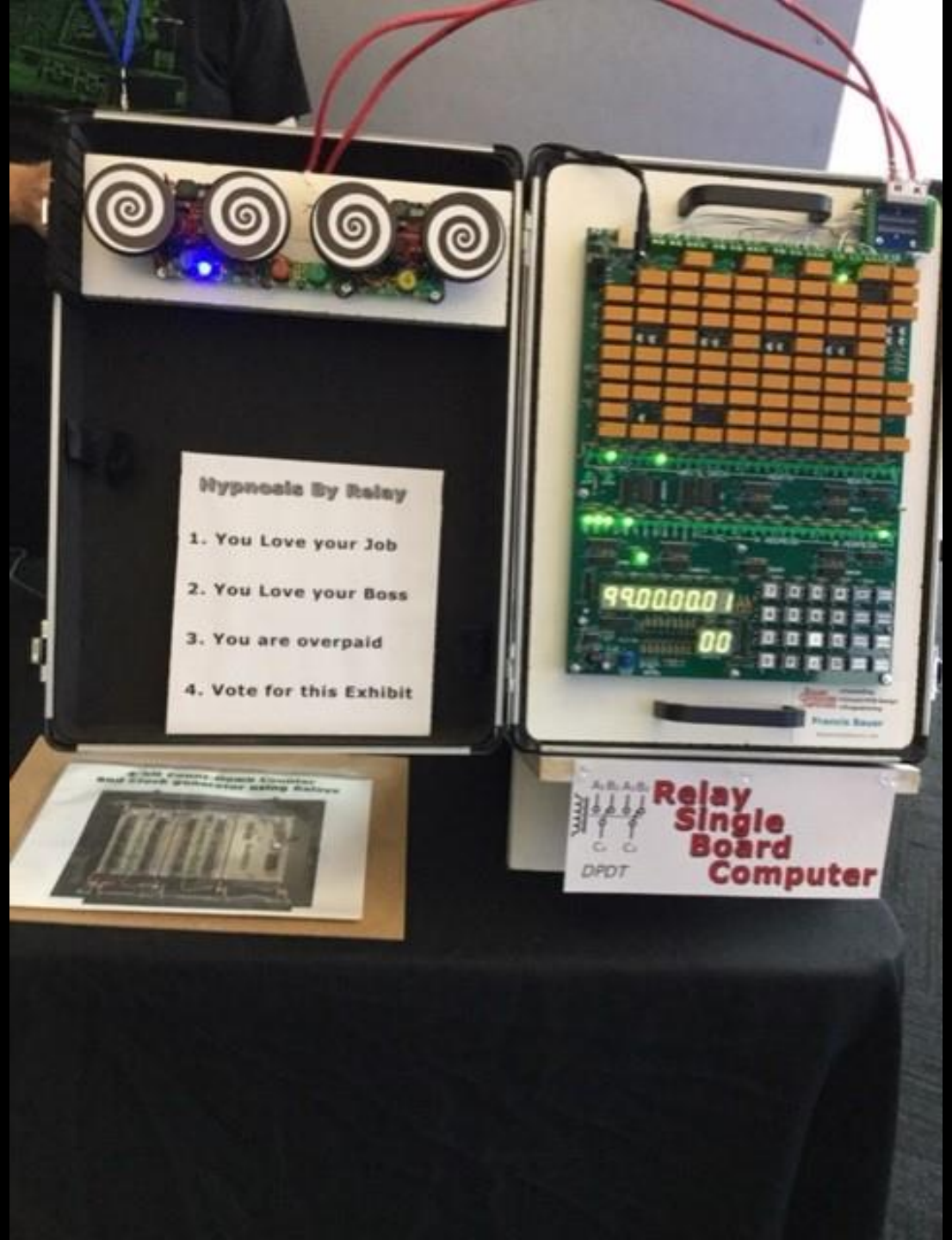
The Macintosh Bible
The Macintosh Bible


HEATHKIT H89 COMPUTER
WITH SOFT-SECTOR FLOPPY
WITH HARD DISK
CAN BOOT CP/M FROM
HARD DRIVE, BUT I
DON'T REMEMBER HOW
TO BY PASS ATTEMPTED
BOOT FROM FLOPPY

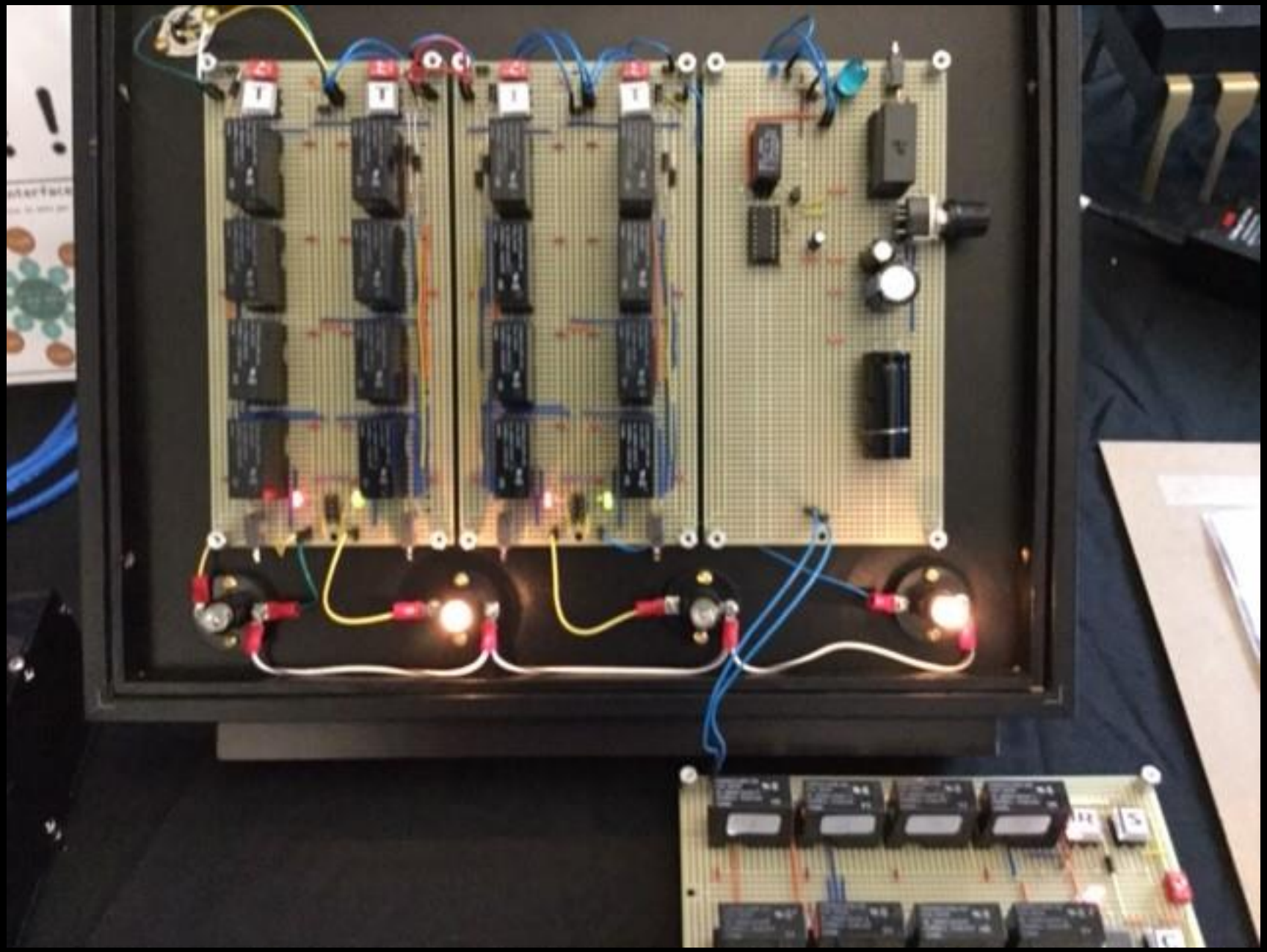
HEATHKIT
Model ET-3400
CPU
Address Buffers
D
A
B
C
7
8
4
6
2

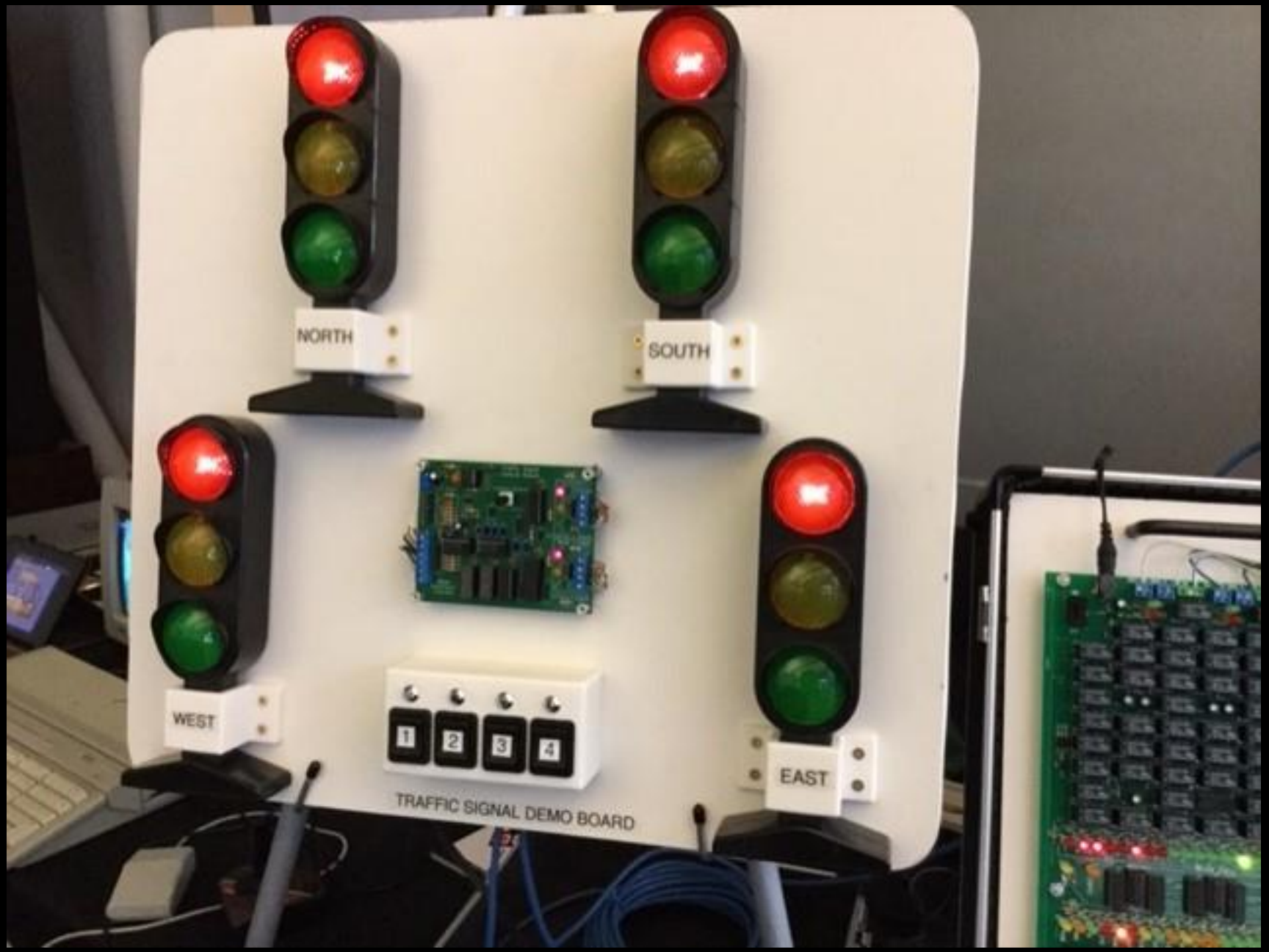
HEWLETT PACKARD
3000
ssance
& WINERY
.S.A. – (916) 692-2222
B.W.4869
9W.L.

Macintosh


Hypnosis By Relay
1. You Love your Job
2. You Love your Boss
3. You are overpaid
4. Vote for this Exhibit
DPDT
Relay
Single
Board
Computer

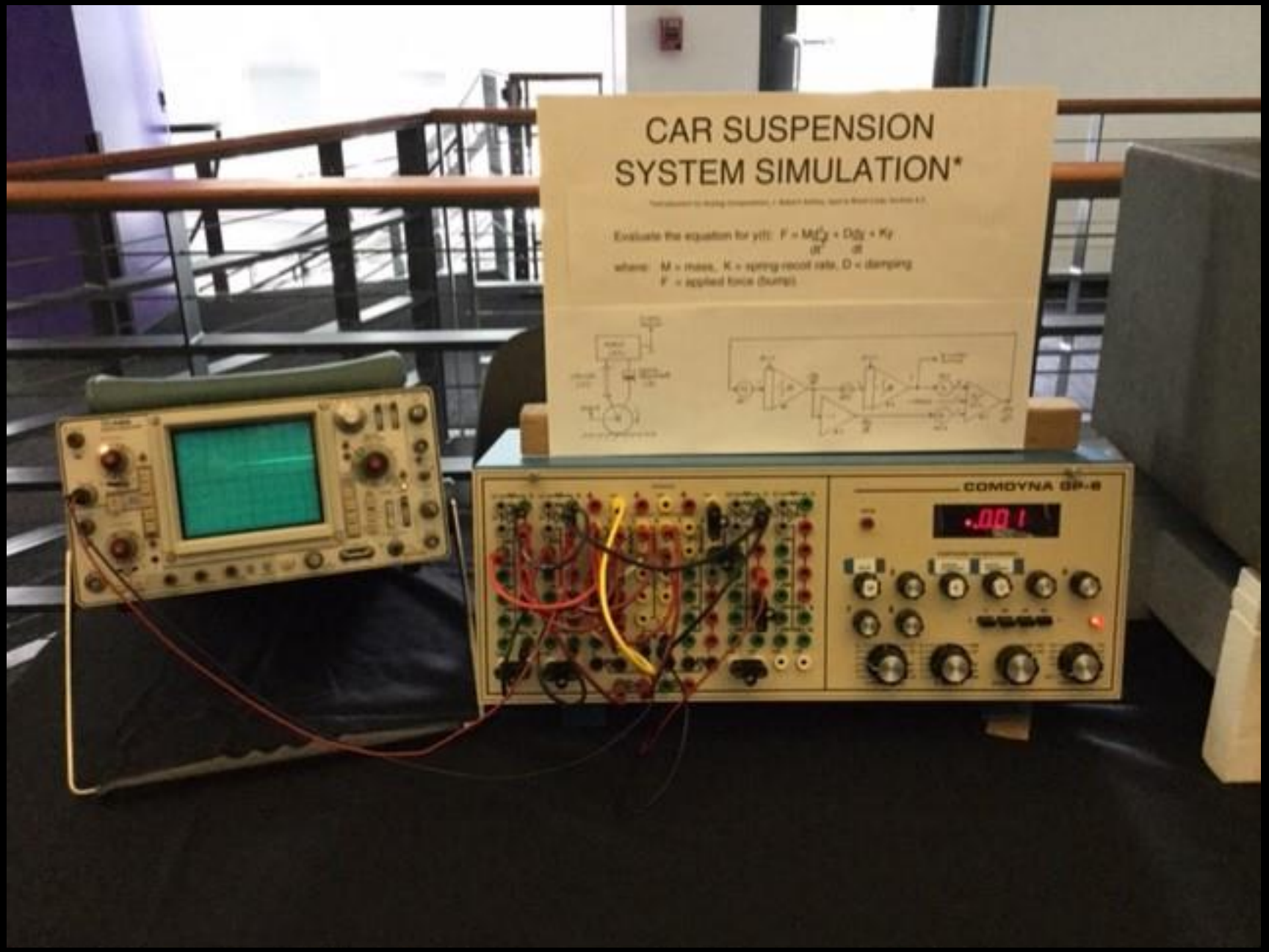
R K
02.02.04.03
00
7 8 9 A
4 5 6 B
1 2 3 C
0 F E D
Bauer Computer Services
Consulting
Circuit/PCB Design
Programming
Francis Bauer
A1 B1 A2 B2
C1 C2
DPDT
Relay Single Board Computer

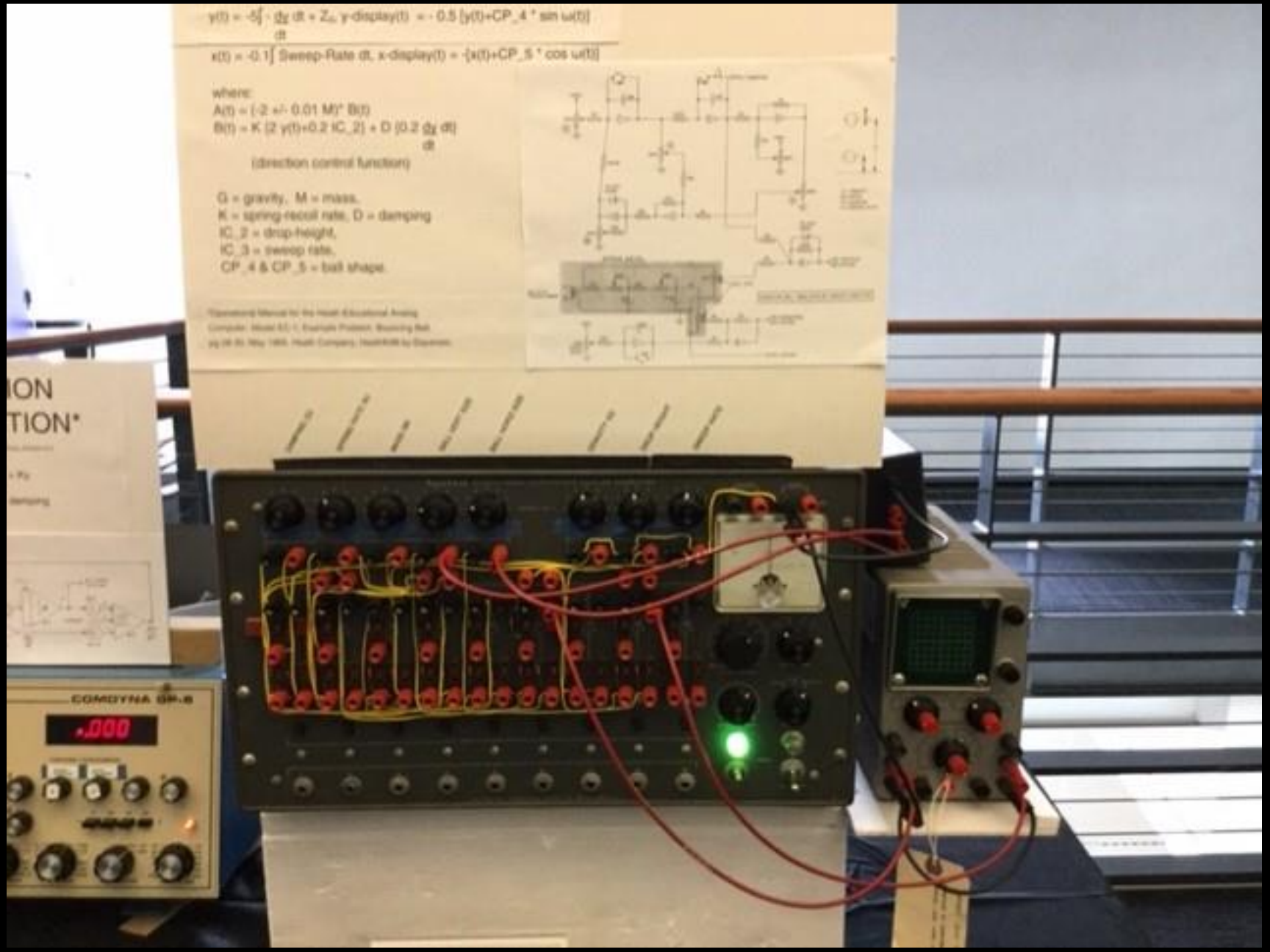



NORTH
SOUTH
WEST
EAST
1
2
3
4
TRAFFIC SIGNAL DEMO BOARD

Gabit

STN ATLAS


CAR SUSPENSION
SYSTEM SIMULATION*
COMDYNA GP-8


y(t) = -5∫ - dy/dt dt + Z_o, y-display(t) = - 0.5 [y(t)+CP_4 * sin ω(t)]
x(t) = -0.1∫ Sweep-Rate dt, x-display(t) = -[x(t)+CP_5 * cos ω(t)]
where:
A(t) = (-2 +/- 0.01 M)* B(t)
B(t) = K (2 y(t)+0.2 IC_2) + D (0.2 dy/dt dt)
(direction control function)
G = gravity, M = mass,
K = spring-recoil rate, D = damping
IC_2 = drop-height,
IC_3 = sweep rate,
CP_4 & CP_5 = ball shape.
COMDYNA GP-8

OSCILLOSCOPE
MODEL 102
HORIZONTAL
INTENSITY
POWER ON
CH 1
ALTERNATE
CH 2
VOLTS/DIV
POLARITY
INPUT
VERTICAL
COMPUTE TIME

DONNER
ANALOG COMPUTER
OVERLOAD
BALANCE
METER RANGE
FUNCTION
MODEL
3500
REFERENCE
COMPUTE
HOLD
System Donner 3500
Analog Computer

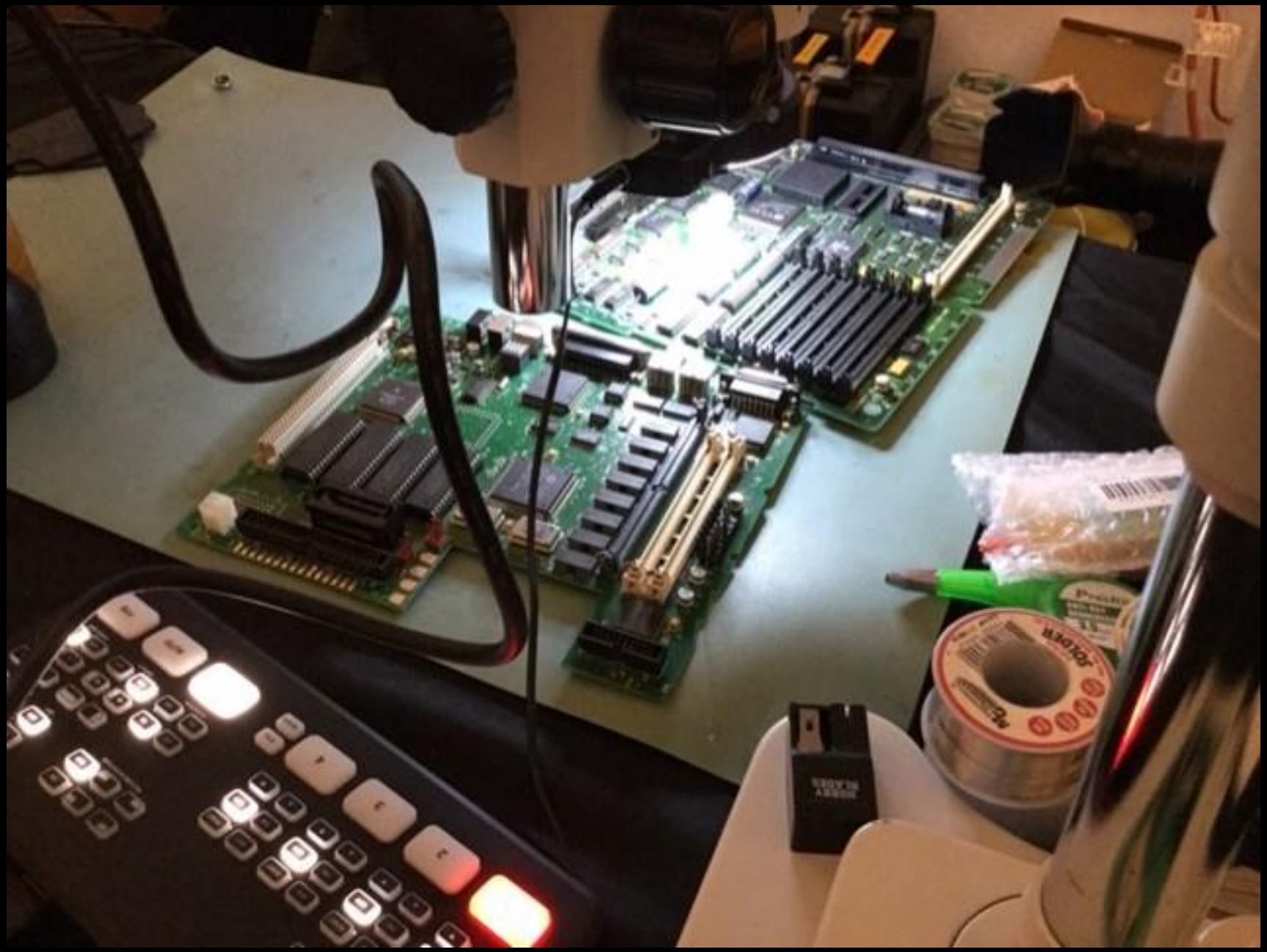
Commodore SP9000 "Super PET" (1981)
commodore
SuperPET
computer
commodore
CBM
dual drive
floppy disk

Commodore PET 8032-32B (1980)
Commodore 2031 Floppy Disk Drive (1982)
Commodore 4010 Voice Response Unit (1980)
commodore
CBM
computer
commodore
2031

commodore
PET
computer
commodore
Tractor Printer
4022
commodore
CBM
dual drive
floppy disk

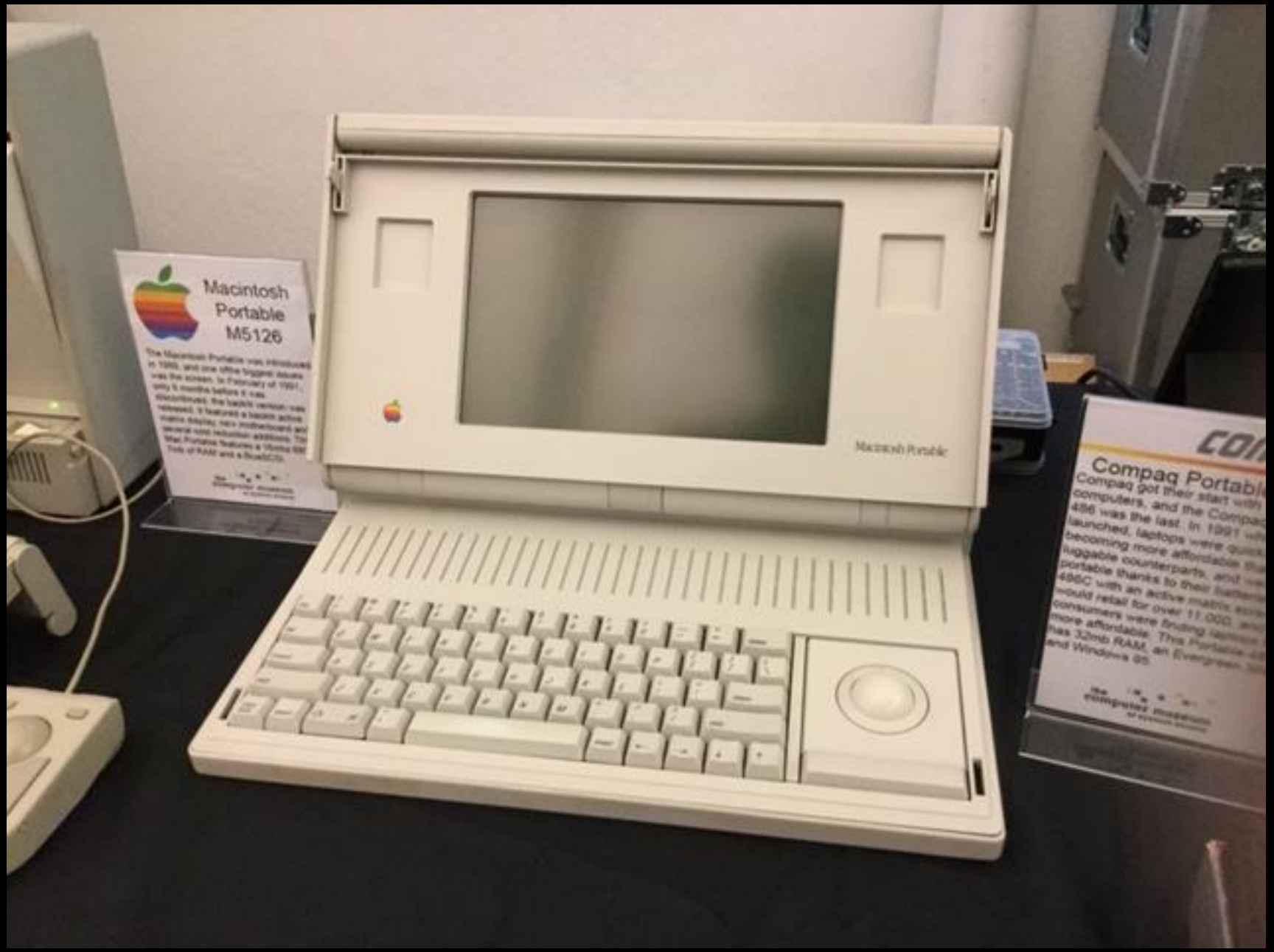
commodore
PET
professional computer
commodore
CBM
dual drive floppy disk
Commodo

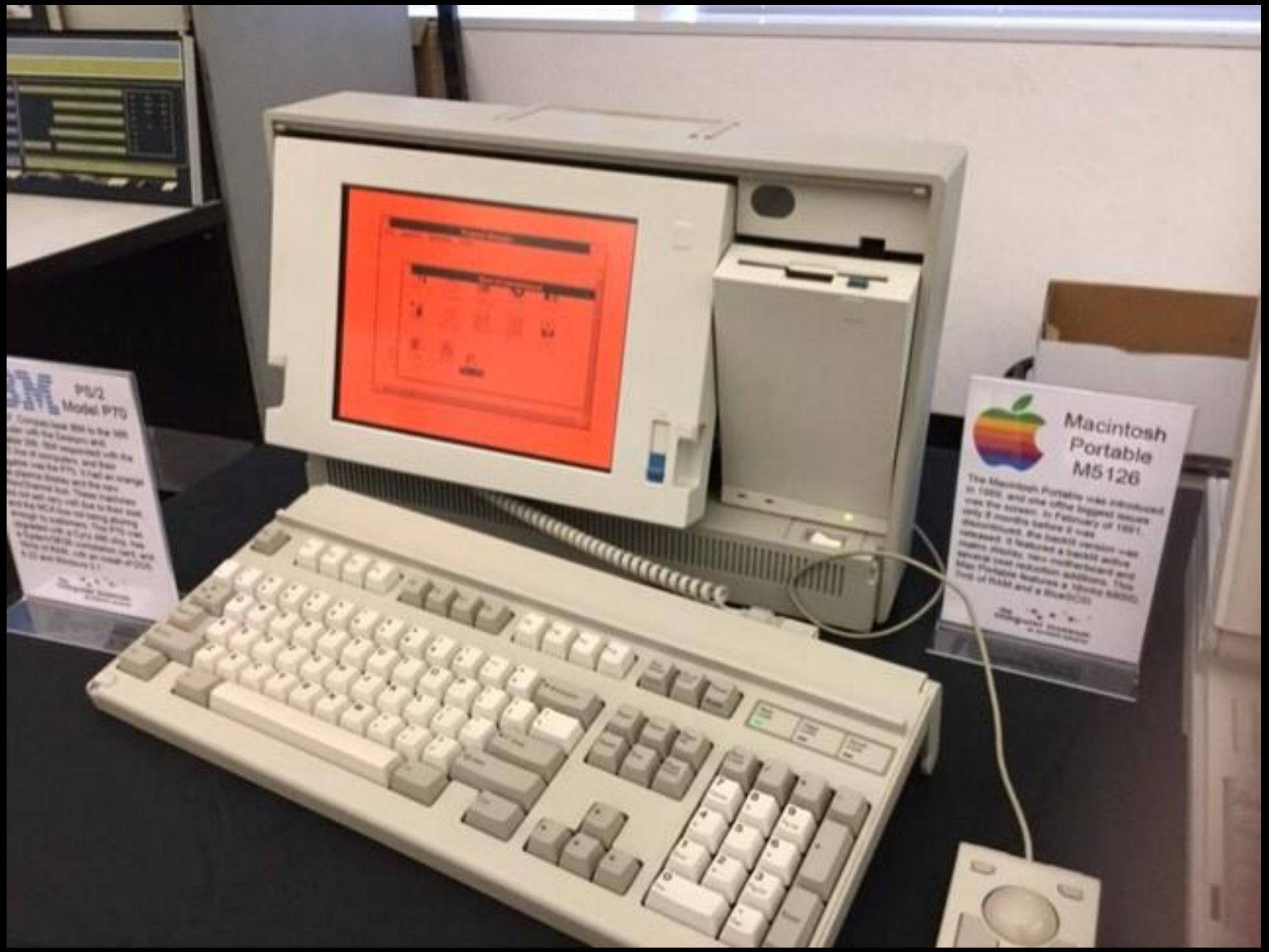
WITH PET'S GRAPHICS, YOU CAN
DRAW BAR GRAPHS
STOCK GROWTH
ITT
CBM
ATI
commodore
PET
personal computer
Commodore PET 20



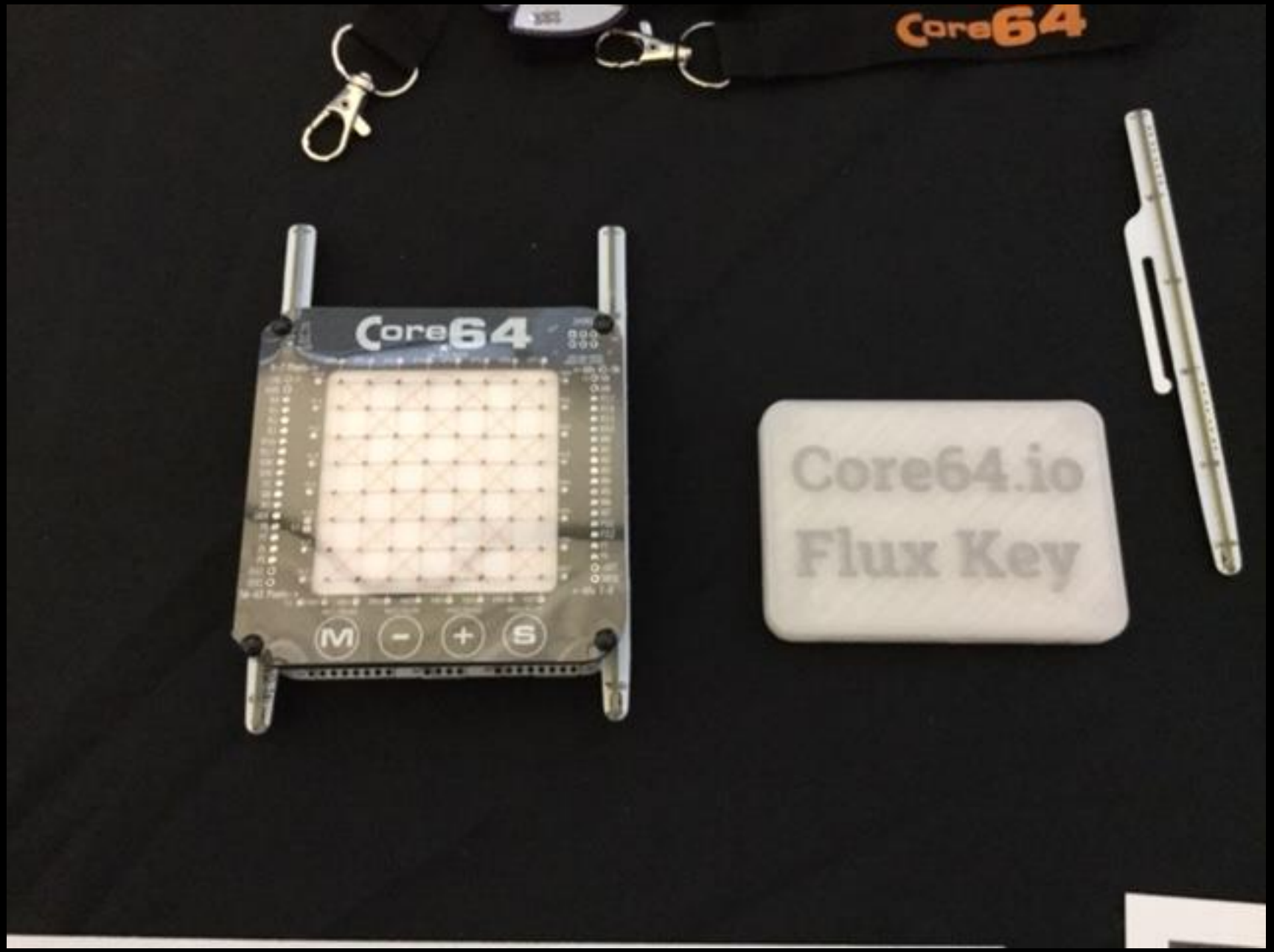
PowerBook G3
Pismo

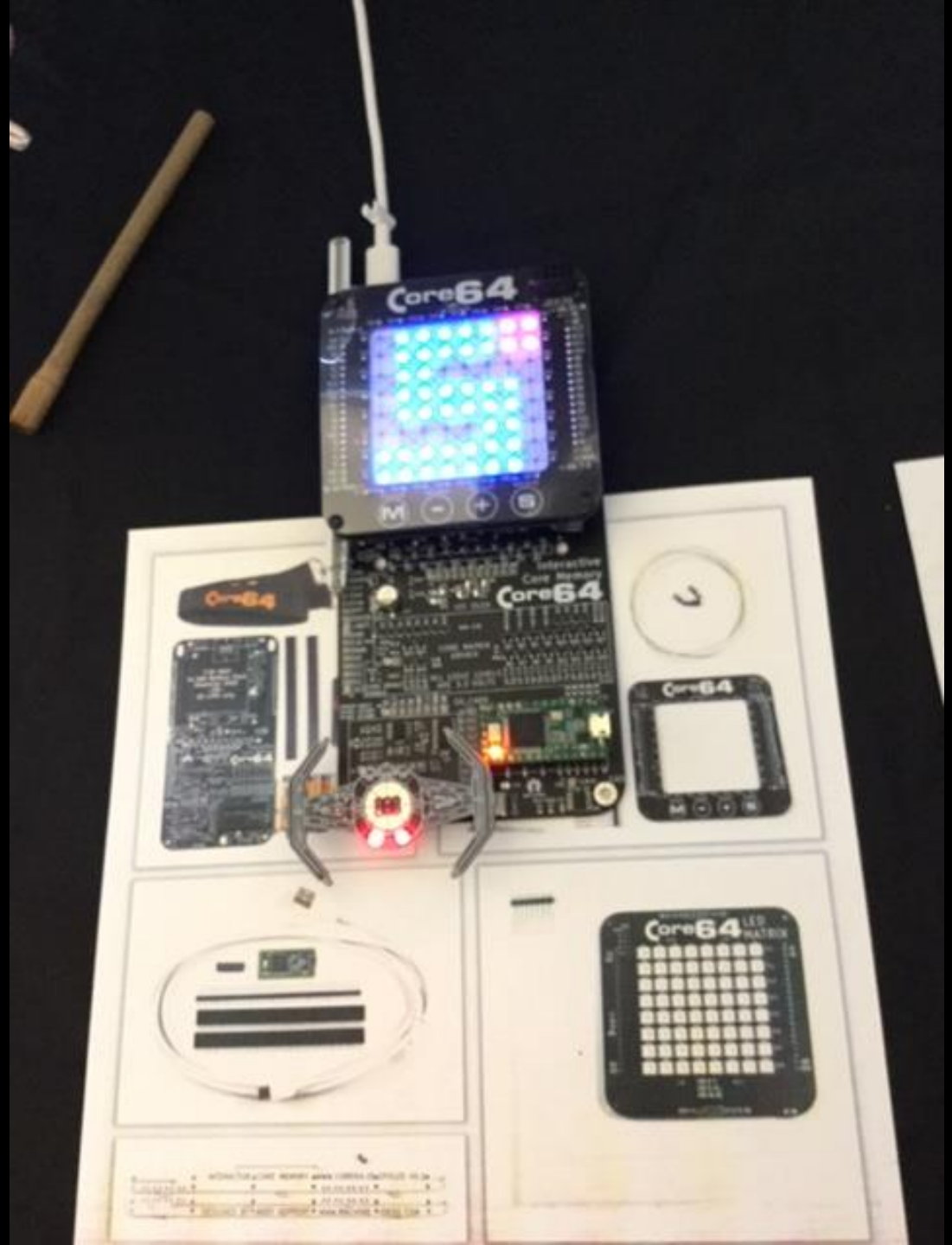
COMPAQ
BSi
Custom
Luggable


Macintosh
Portable
M5126
Macintosh Portable
Compaq Portable


PS/2
Model P70
Macintosh
Portable
M5126

LINC
EIGHT


Core64
Core64
M
Core64.io
Flux Key


Core64
Core64
Core64
Core64
Core64 LED MATRIX

Core64
CORE 64
Neon Pixels
Neon Pixel
by [Muth]

ARCHON
THE GAME IS ENDED...THE LIGHT SIDE WINS

CONFIGURATION
ONE OR TWO PLAYERS? 2
ONE OR TWO JOYSTICKS? 2
STANDARD GAME? YES
SCREEN TOUR? NO
STARTING WAVE SELECT? 1
POGO JOE SPEED? 3
MONSTER SPEED? 4
MONSTER DOUBLE JUMPS? NO
BackBit

4050
3

040 133 Pc
HEATHKIT

ESC
TAB
CTRL
CAPS LOCK
SHIFT
GRPH
CODE
NUM
ENTER
SHIFT
DEL BKSP

PET
pix
ROMulator
PET
CBM

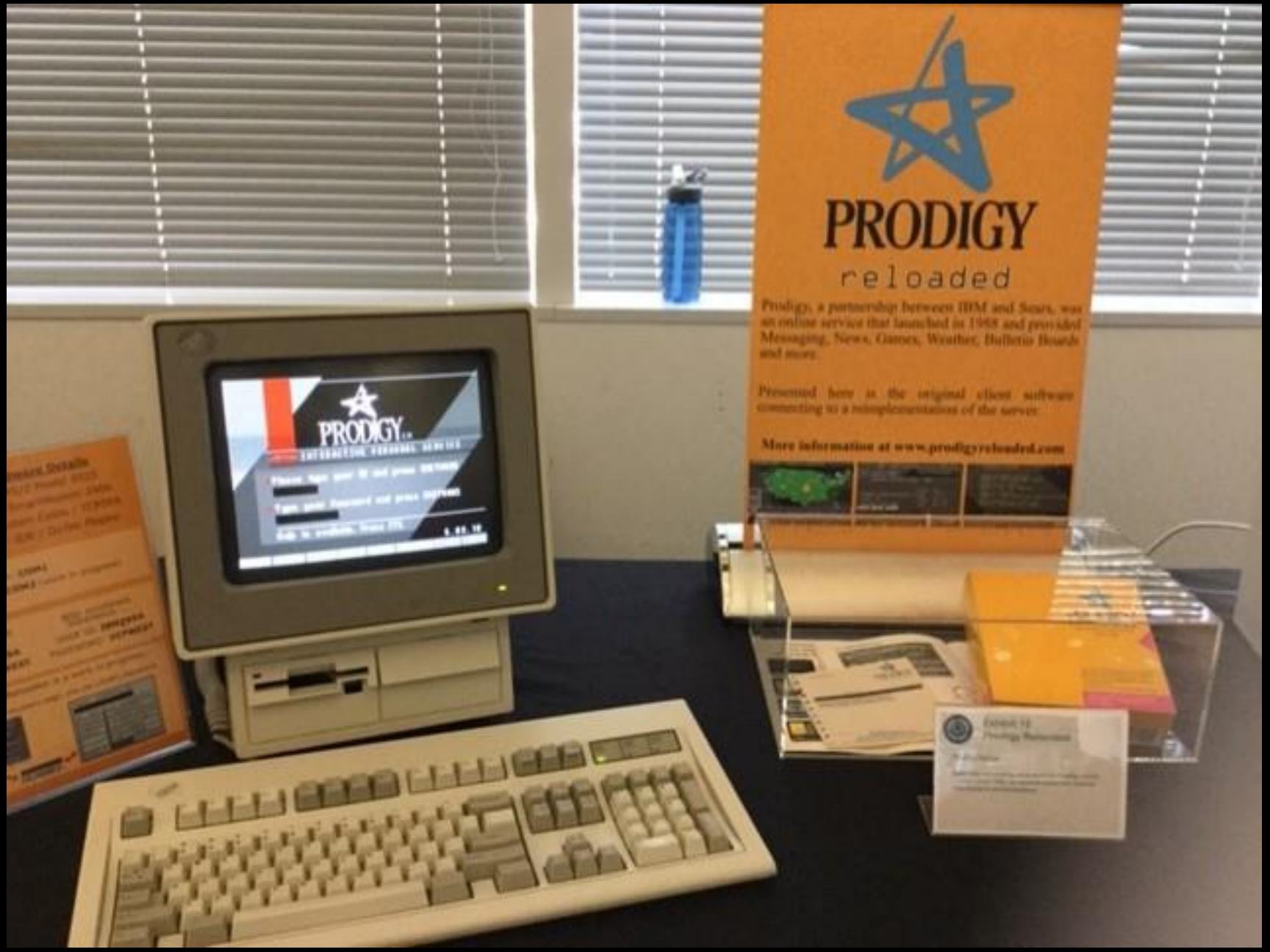
Open University
Hektor Computer
circa 1981
* Intel 8085 based design *
Originally designed as a Training Computer and supplied as part of a distance learning course on microprocessors and programming.
The Hektor was first supplied as an Assembly Language only machine, with built in editor and assembler.
Later machines (Hektor II) were upgraded to include a Basic Interpreter ROM and more RAM.
The Main computer was also supplied with additional add-on boards and peripherals that included experiments such as - motor drives, temperature sensors, LED's and switch inputs etc.
The training course materials led you through various experiments, code writing and Q&A sessions.

ORIGINAL L5.2 FIRMWARE FEATURES - 1978
DATA DUPLAY
Autochord
Venus Probe
TRITON COMPUTER
Building a bett
wasn't

50 years ago
PONG
Atari PONG Happened !
Triton Model 786s
PLAYER 1

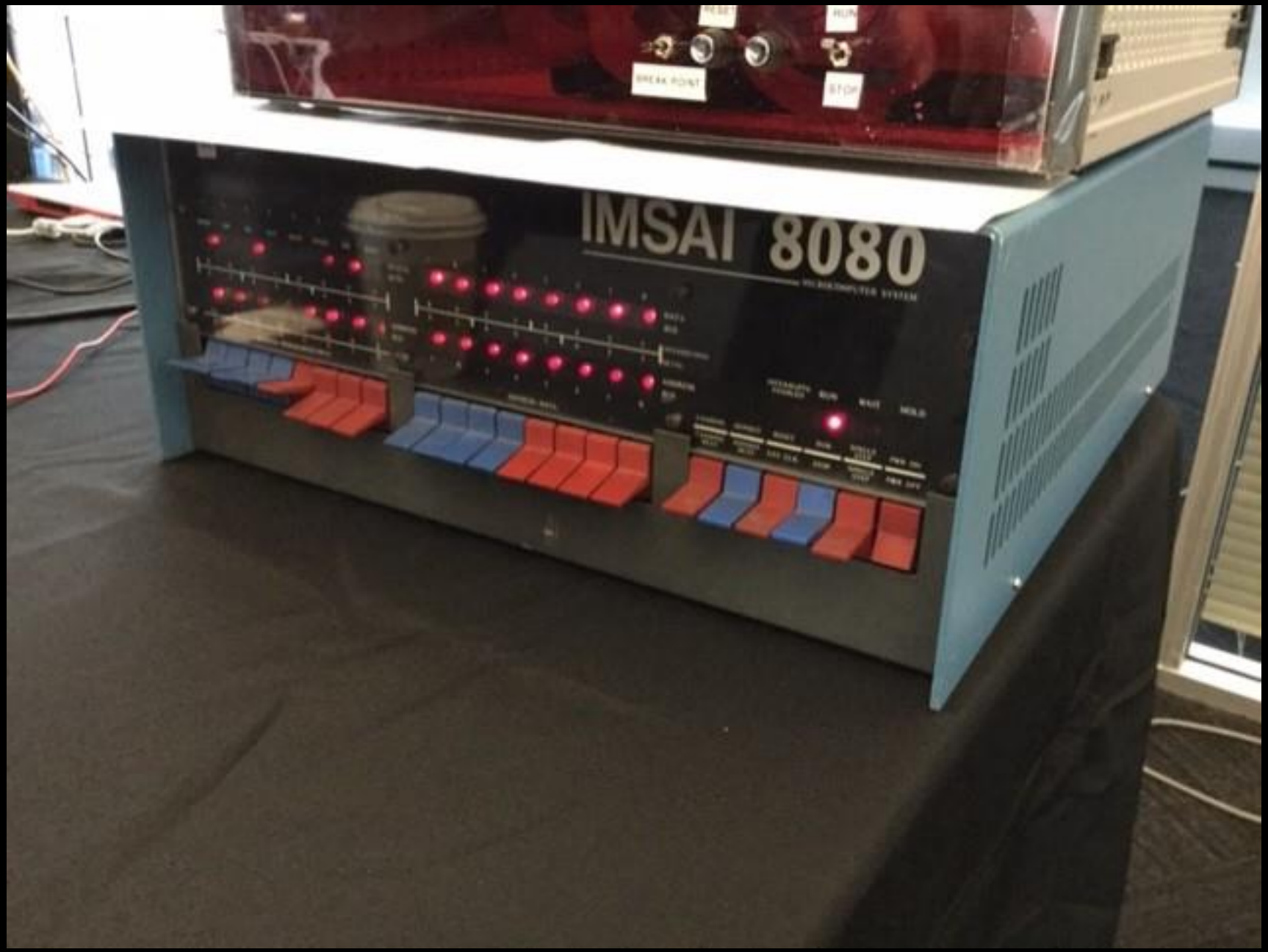
Archimedes
DELL

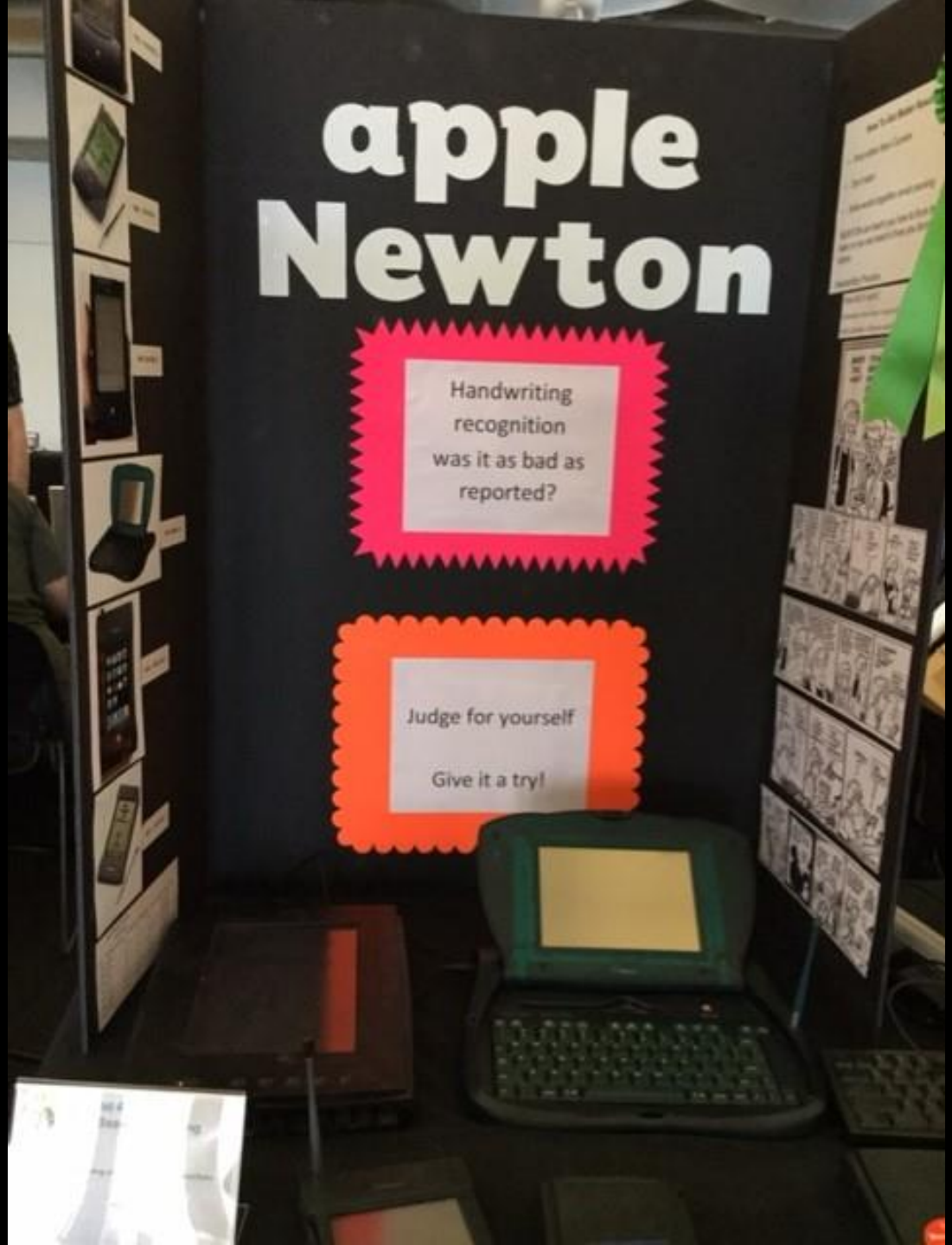
Commodore


PRODIGY
reloaded
Prodigy, a partnership between IBM and Sears, was an online service that launched in 1988 and provided Messaging, News, Games, Weather, Bulletin Boards and more.
Presented here is the original client software connecting to a reimplementation of the server.
More information at www.prodigyreloaded.com
PRODIGY

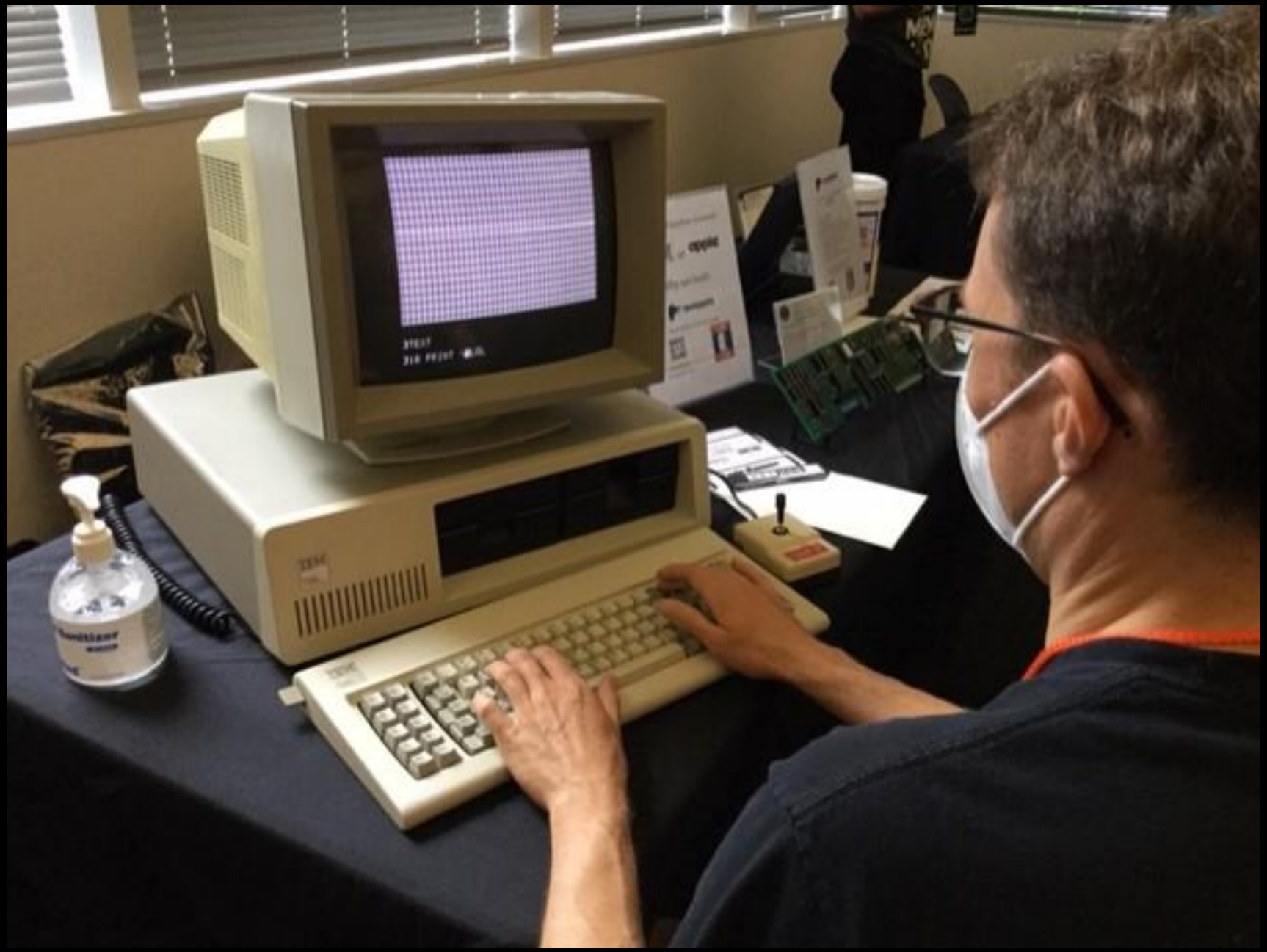
- Sun SPARCstation (Solaris)
- Sun 3/E (SunOS)
- DEC Alpha AXP (OSF/1)
- Motorola PowerStack (AIX)
- Motorola 68K/88K (SVR4)
- SGI IRIS (Irix)
- VAX (VMS*)

COCOVGA
www.cocovga.com


IMSAI 8080

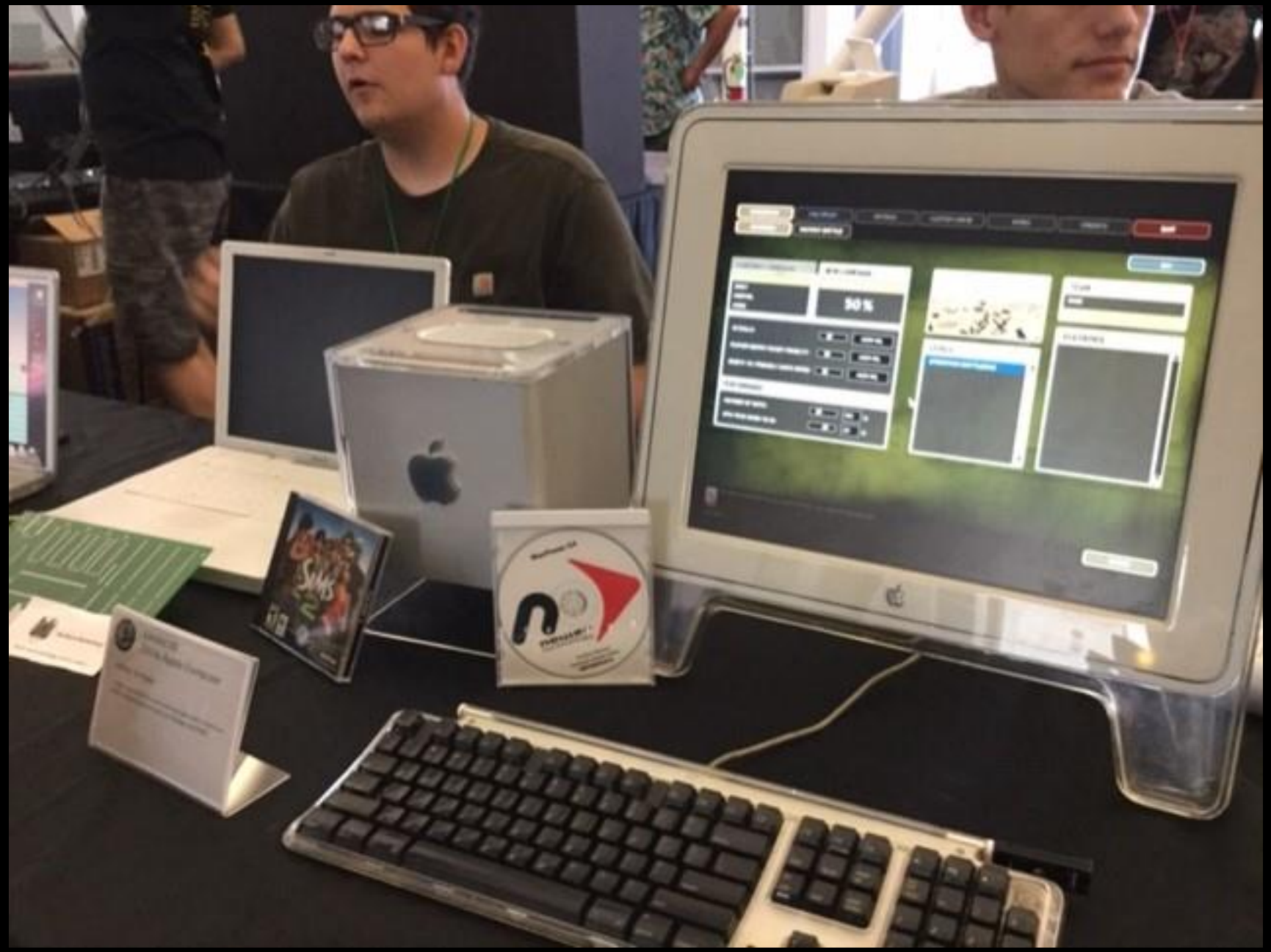

apple
Newton
Handwriting
recognition
was it as bad as
reported?
Judge for yourself
Give it a try!

My power supply
is dead ..



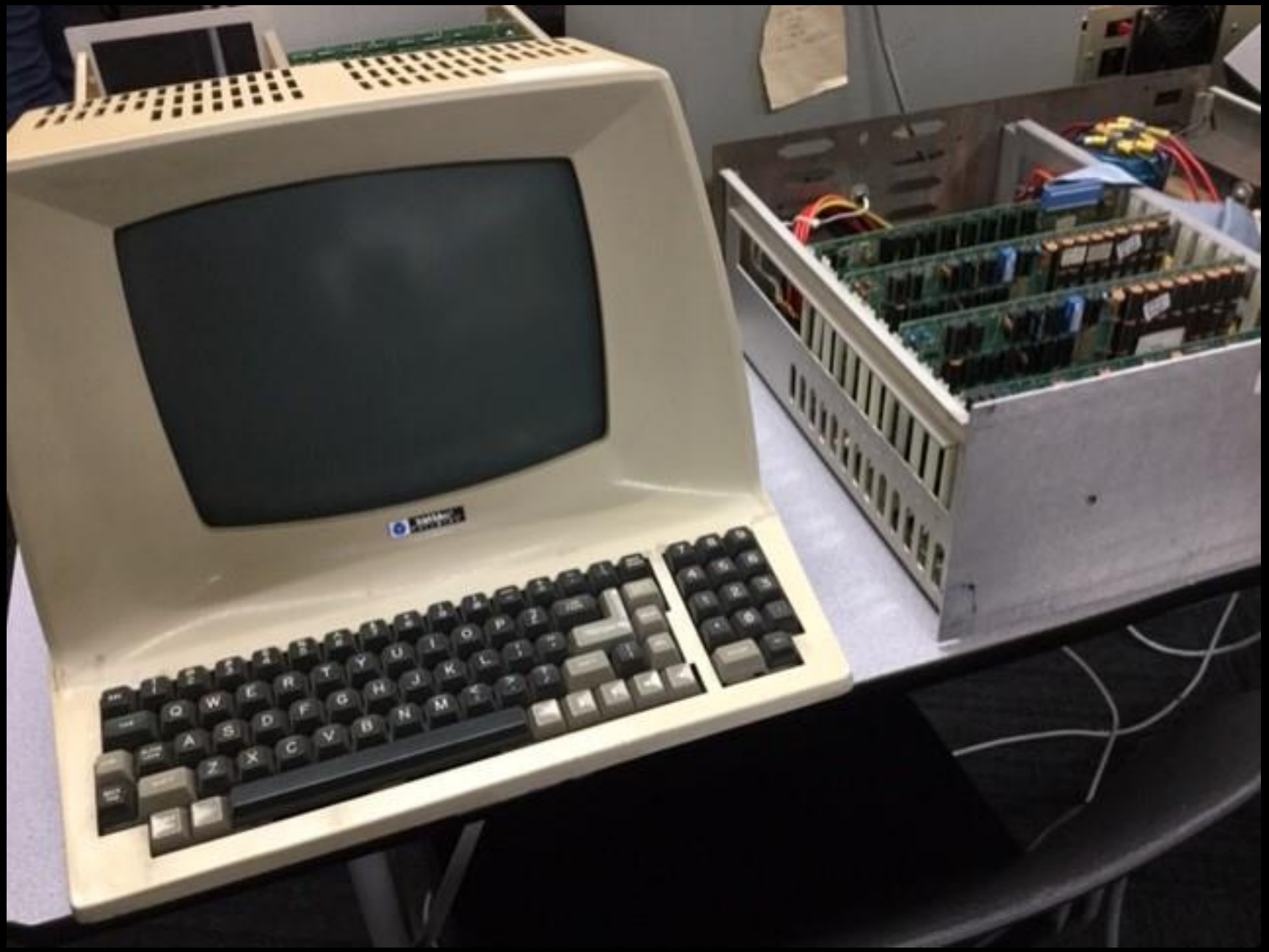
SAMSUNG

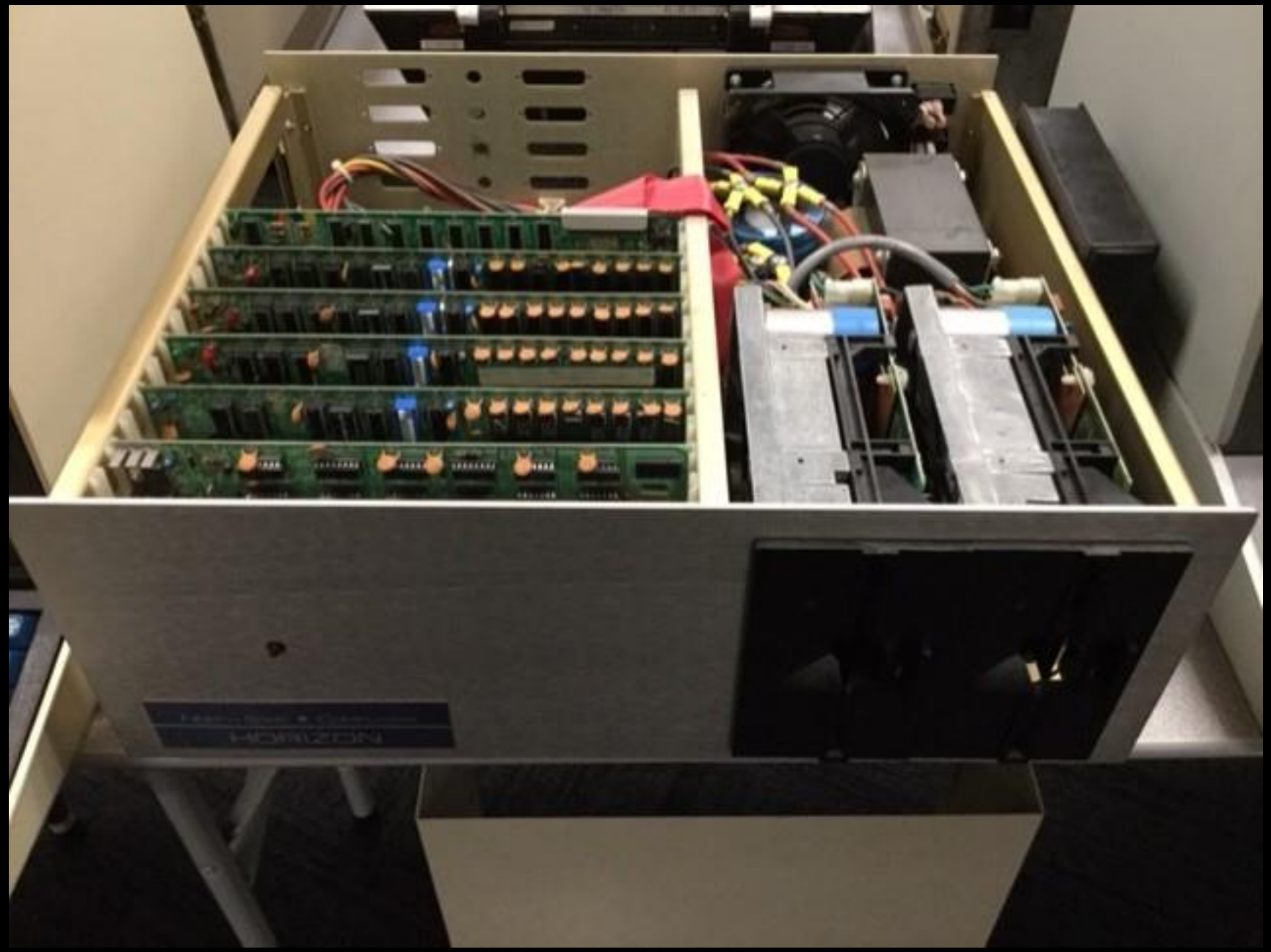
Apple II


50%

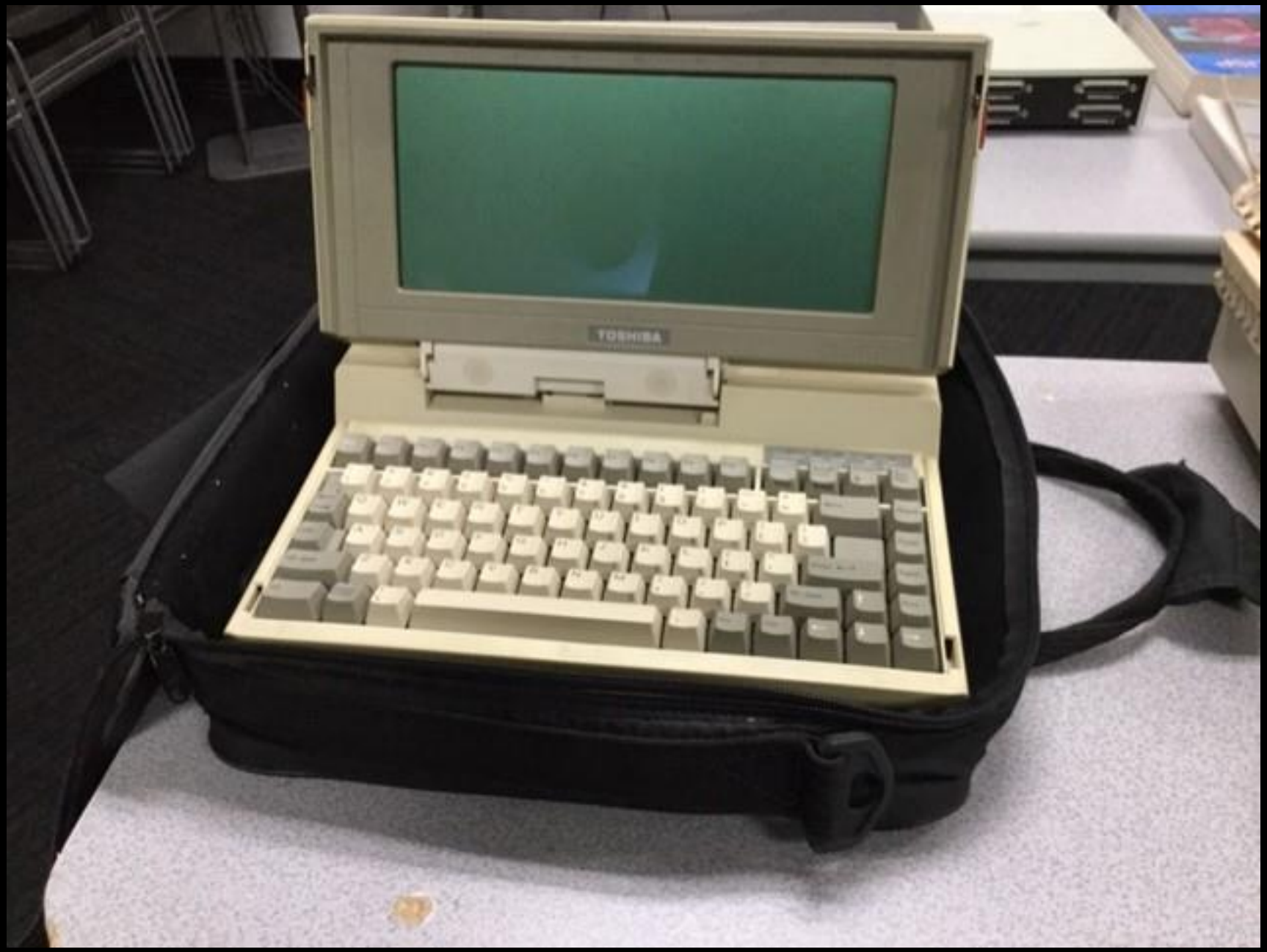
Krown Research
PACIFIC BELL

Radio Shack
POWER
OFF
ON
DEF
F1
F2
F3
F4
F5
F6
SHIFT
CL
MODE
SPACE
ENTER
ENT
OFF ON
REMOTE
AUTO ECHO
PRINT
Radio Shack
TRS-80





Heathkit
terminal

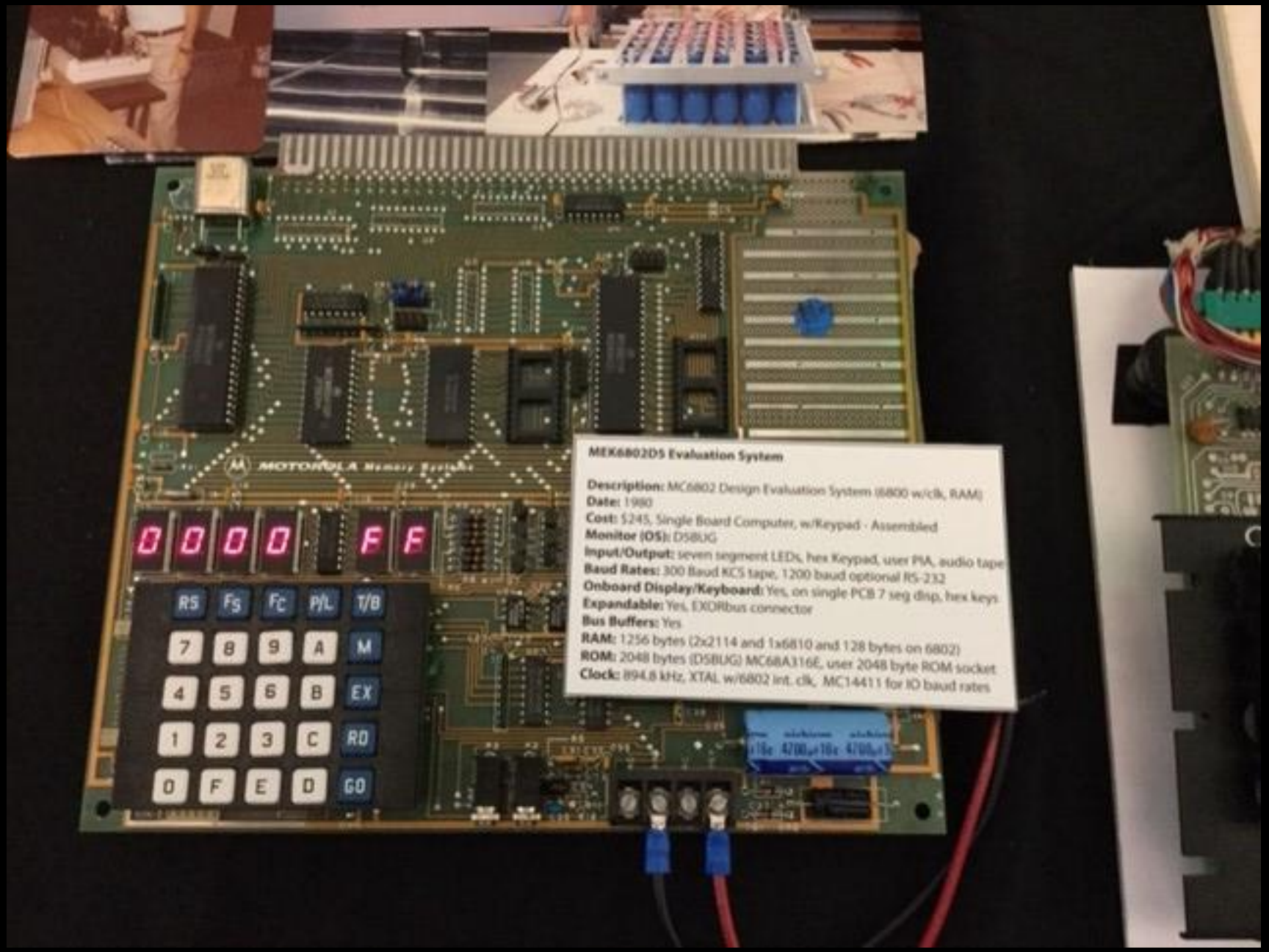

TOSHIBA

ATARI 400

OKIDATA
MICROLINE 320
9 Pin Printer
$95

3
$5
$5
slide rule

$7


MEX6802D5 Evaluation System
Description: MC6802 Design Evaluation System (6800 w/clk, RAM)
Date: 1980
Cost: $245, Single Board Computer, w/Keypad - Assembled
Monitor (OS): D5BUG
Input/Output: seven segment LEDs, hex Keypad, user PIA, audio tape
Baud Rates: 300 Baud KCS tape, 1200 baud optional RS-232
Onboard Display/Keyboard: Yes, on single PCB 7 seg disp, hex keys
Expandable: Yes, EXORbus connector
Bus Buffers: Yes
RAM: 1256 bytes (2x2114 and 1x6810 and 128 bytes on 6802)
ROM: 2048 bytes (D5BUG) MC68A316E, user 2048 byte ROM socket
Clock: 894.8 kHz, XTAL w/6802 int. clk, MC14411 for IO baud rates
0000 FF
RS FS FC P/L T/B
7 8 9 A M
4 5 6 B EX
1 2 3 C RD
0 F E D GO

Escape at line 170
Escape
10 REM ADC TEST - MULTI CHANNEL
70 REM SET PA TO IN, PB TO IN, PC(L) TO OUT, PC(H) TO IN
90 FOR CHAN=0 TO 3
100 REM SET THE CHANNEL AND TAKE A SAMPLE
170 INPUT A$
180 GOTO 90

NEXTSTEP
Color
Specifications:
Motorola 68040 @ 25 MHz
8 MB DRAM
1-bit B&W Graphics
Operating Systems:
NeXTSTEP 3.3
How is it a Mac?
Daydream
Year of Introduction:
1990

That's all Folks!