

# S-100, inc.

S-100, inc. 7 White Place, Clark, New Jersey 07066 (201) 382-1318

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Congratulations of your choice of the S-100 bus. We consider it to be the best available on the market. S-100, Inc., was formed to give you the public the opportunity of buying most of their computers and peripheral devices from one source at a reasonable price, with "off-the-shelf" delivery. We do accept special orders.

It is our policy to normally give a 10% discount on all items. For cash payment with an order, certified check, bank check, money order, etc., an additional 5% discount is given resulting in an overall discount of 14.5% off the suggested retail price. Personal checks are considered as cash, but require 2 to 3 weeks to clear. If immediate shipment is desired one of the other cash payment methods must be used.

Shipments are made by United Parcel Service, except for overweight or oversize packages. Shipping and insurance are extra, any excess remitted will be refunded.

This catalog is a representative sampling of the lines we carry. If what you want is not shown in the catalog, please check on the enclosed price list. We are constantly adding and deleting items as manufacturers introduce new products, delete items, or alter their lines. All prices availability, and specifications are subject to change without notice. In the event we are featuring a special sale on any specific item in the popular microcomputer magazine, you will be given that sale price. On occasion, due to manufacturers delivery delays we may be temporarily out of inventory, if so we will return your payment unless you instruct us otherwise.

Your comments, favorable or critical, on any lines carried are appreciated. If it's good and we don't stock it, please let us know. We are constantly on the lookout for good hardware and software, including specific applications, that the public can utilize. If it's made for the S-100 bus, and it's worth owning, you can probably buy it from us for less.

HOURS....10 AM---6 PM Monday thru Friday, East coast time.

Saturday and evenings by appointment.

Phone (201) 382-1318

*Phyllis + Bernie*

Phyllis and Bernie Frank

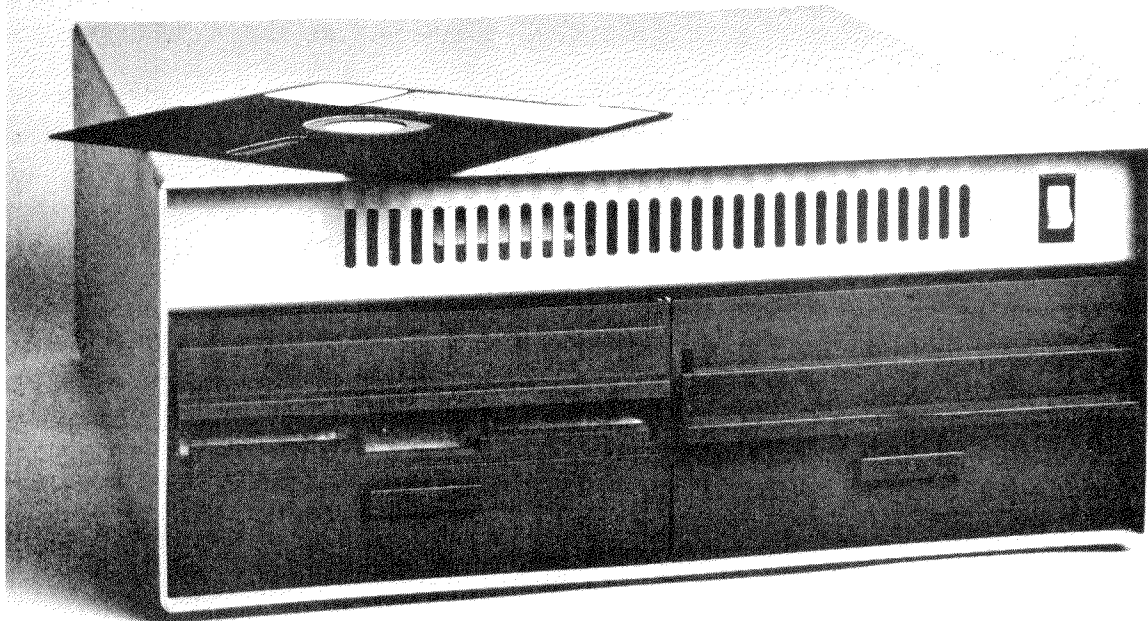
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# DIGITAL SYSTEMS

## FLOPPY DISK SYSTEM FDS-1

DIGITAL SYSTEMS now has available a high quality Floppy Disk System. The system is completely assembled and tested and features Shugart Associates drives and Digital Systems FDC-1 controller. Disk formatting is IBM compatible and diskette initialization capability is provided. The powerful CP/M Disk Operating System, written by the originator of Intel's PL/M compiler, has been operational on this hardware for over two years and is available . An interface is available to the Altair/IMSAI bus. All systems are completely assembled and tested and carry a 90-day warranty.

Single drive, cabinet, power supply, controller, interface,  
all cables completely assembled and tested.



# FEATURES

## HARDWARE

- The Controller uses the IBM format, implemented with a TTL microcontroller.
- Hardware implements 2 byte CRC error check and generate.
- Once initialized, all data transfers for sector READ or WRITE are handled by the controller via a simple DMA interface allowing concurrent processor execution.
- Simple COMMAND and STATUS registers are available via programmed I/O.
- All interface signals are TTL compatible.
- Hardware bootstrap is available without processor intervention.
- Systems are thoroughly tested and burned in before shipment.
- The hardware design is field proven for over two years.
- Hardware and Software is Z80 compatible.

## SOFTWARE

- Software driver flowcharts and 8080 assembly language routines for READ, WRITE, and SEEK are provided.
- A complete 8080 operating system is available.
- The CP/M Operating System was developed on our hardware, and systems have been operating in the field for over two years.
- CP/M is a complete software package consisting of:
  - BDOS—Basic Disk Operating System
  - CCP—Console Command Processor
  - PIP—Peripheral Interchange Program
  - ED—CP/M Text Editor
  - ASM—CP/M Assembler
  - DDT—Dynamic Debugging Tool with Breakpoint, Trace, and built-in assembler and disassembler.
- A user library of CP/M compatible software with high-level language processors, including extended disk BASIC.
- Custom I/O devices are easily patched into CP/M

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## PRICE INFORMATION

(OEM and quantity discounts available)

### COMPLETE SYSTEM—1 or 2

This package is a completely assembled and tested unit with a cabinet, power supply, FDC-1 controller, S-100 interface, disk drives, and all connecting cables. The Complete System may be ordered with one or two Shugart drives

### FDC-1 CONTROLLER BOARD

The FDC-1 is an IBM compatible controller for the Shugart floppy disk drives. It comes with connecting cables to the drive.

### CP-M SOFTWARE

Six system manuals and object code on verified diskette are available