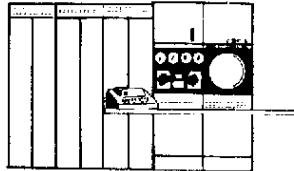


# PDP-6

## PRICE LIST

FEBRUARY 1, 1964



### ARITHMETIC PROCESSOR TYPE 166

Fast Memory 0.5 Microsecond - 16 Words  
 16 Accumulators  
 15 Index Registers  
 Floating Point Arithmetic  
 I-O Teleprinter  
 7 Channel Priority Interrupt I-O System

\$176,100

### CORE MEMORY TYPE 163B

8,192 36-bit words \$ 80,000

### CORE MEMORY TYPE 163C

16,384 36-bit words \$126,000

Stores either 8,192 or 16,384 36-bit words with a memory cycle time of 2.0 microseconds. Includes one memory bus interface. For each additional processor, an additional interface is required. Each interface services one memory-processor.

Each additional interface (maximum of 3) \$ 2,700

### MAGNETIC DRUM AND PROCESSOR TYPE 236

Controls from one to four drum units. Each drum unit consists of 768 tracks of 49,152 bits each for a total storage of  $37.8 \times 10^6$  bits. The drum rotates at 1150 rpm (52 milliseconds per revolution), and provides a 36-bit word transfer every 6.4 microseconds. Total drum storage is 1,048,576 36-bit words. \$ 95,000

### PAPER TAPE AND CARD EQUIPMENT

#### HIGH SPEED PAPER TAPE READER AND CONTROL TYPE 76C

Reads perforated paper tape photoelectrically at 400 characters per second. \$ 9,000

#### HIGH SPEED PAPER TAPE PUNCH AND CONTROL TYPE 76I

Punches 8-hole paper tape at 63.3 characters per second. \$ 5,500

#### CARD READER AND CONTROL TYPE 46I

Provides on-line reading of 80-column punched cards at 200 or 800 cards per minute in either alphanumeric or binary codes.

200 cards per minute \$ 16,500  
 800 cards per minute \$ 27,200

#### CARD PUNCH AND CONTROL TYPE 46O

Permits on-line punching of 80-column cards at 100 or 300 cards per minute.

100 cards per minute \$ 29,000  
 300 cards per minute \$ 42,000

### PRINTERS

#### AUTOMATIC LINE PRINTER AND CONTROL TYPE 646

Prints 300 lines per minute, 120 columns per line, 64 characters per column. \$ 30,000

#### HIGH SPEED AUTOMATIC LINE PRINTER AND CONTROL TYPE 680

Prints 1000 lines per minute, 120 columns per line, 64 characters per column. \$ 47,500

### MAGNETIC TAPE EQUIPMENT

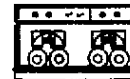


#### MAGNETIC TAPE TRANSPORT TYPE 570

Reads and writes IBM compatible tape at a recording density of 200 or 556 characters per inch. Tape speed is 75 or 112.5 inches per second with transfer rates from 15 to 62.5 KC. \$ 30,400

#### MAGNETIC TAPE CONTROL TYPE 516

Automatically controls up to eight Type 570 magnetic tape transports. Permits reading, writing, forward/backward spacing, and rewind. Requires Type 136 Data Control. \$ 15,000



#### DUAL MICROTAPE SYSTEM

Provides a fixed address magnetic tape facility for high speed loading, readout and program updating. Density is 375 ± 60 bits per track inch at a speed of 80 inches per second. Transfers 90,000 bits per second.

Type 555 Dual Transport (includes two independent tape drives) \$ 7,400

Type 551 Control Unit (controls up to eight Type 555 Tape Transports. Requires Type 136 Data Control) \$ 14,000

### OTHER EQUIPMENT

#### DATA CONTROL TYPE 136

Assembles and disassembles 36-bit words. May be used with up to four tape controls and two special purpose data handling devices. \$ 10,000

#### DISPLAY MONITOR AND CONTROL TYPE 346

Plots points, lines, vectors, and characters on a 9 $\frac{3}{16}$ -inch square raster of 1024 points along each axis.

1½ microseconds is required per point in vector, increment and character modes; random point plotting rate of 35 microseconds. Uses fiber optic light pipe and photomultiplier system for fast detection of displayed information. \$ 40,000

#### MULTI-USER STATION TYPE 627

Standard ASCII 8-level Teletypewriter, paper tape reader-punch, operating at 10 cps. \$8,000

*On Line*

Prepares programs directly onto magnetic tape  
 Permits program execution and debugging  
 Permits tape editing  
 Provides hard copy printouts

*Off Line*

Punches paper tape

Prices quoted are effective February 1, 1964. FOB Maynard, Mass., and apply in continental United States only. Federal, state or local taxes are not included. Option prices are for factory installation; field installation prices will be quoted on request. Quantity prices are quoted on request. All prices are subject to change without notice.