**PRODUCT HIGHLIGHTS**

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**MANUFACTURER AND MODEL** | **FUNCTION** | **UNIT PRICE** | **DESCRIPTION** | **R.S. NO.**
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**SYSTEMS**
Cromemco, System 100, System 300 series | Multiuser operations | $9995 to $19,995 | Unix-based supermicro series can accommodate 16 users and features error-correcting RAM expandable to 16M bytes, a 68000 10-MHz central processor, cache memory for disk operations, Ethernet capabilities, and optional high-resolution graphics interface and video digitizer. | 70
Megatek, Whizzard 3375 | High-speed data transfer | $26,500 | Networked system features a Unibus DMA parallel interface for data transfer at 1.5M bytes/second; a 19-inch, 1024 x 1024-pixel, 60-Hz noninterlaced raster-scan monitor; and optional 3-D graphics capabilities and eight-color thermal printer. | 71
Phoenix Data Systems/IMP, ICAP workstation | IC design | $50,000 | IC design system offers full “hand-draw” design with automatic standard cell design technology. Workstation includes software, CPU, CRT, and I/O devices. Software is also available for turnkey DEC Vax minis from Micro Vax I to Vax-11/785. | 72
Stone Mountain Computing | Spreadsheet and graphics | $5795 | Graphic Outlook Vax spreadsheet and graphics software are combined with the Hewlett-Packard HP 7475 six-pen color plotter in this package to give users presentation-quality hard copy of all screen images. | 73

**I/O EQUIPMENT**
Bolt Industrial Controls, Model type 05 | Control stick | $40.04 (100's) | Analog direct-drive dual-axis assembly offers ±27 inches of x- or y-axis movement for use with high-resolution CAD/CAM systems. This control stick can be built with z-axis knob for specialized applications. | 74
BSR, CM504 | Cursor moving | $50 (100's) | Intelligent Touchpad module with LED outputs has a pressure-sensitive pad that converts locations of points touched by finger or stylus into x-y coordinates. The microprocessor-controlled device converts at a rate of 80 coordinate pairs per second at 9600 baud; resolution is 1000 x 1000. | 75
The Computer Colorworks, The Digital Paintbrush System | Color graphics | $299 | Designed for Apple II +, Iic, and Ile use, this combination of pen and rotating sensors with six software programs permits images to be created and projected on screen, printed as hard copy or overhead transparencies, and photographed to make 35-mm slides. Two users can simultaneously create, edit, save, and print drawings in real time over phone modem. | 76
Extended Systems, ESI-6002 | Plotter sharing | $485 | Interface buffers and manages output to an HP 7470A, HP 7475A, or HP 7550A plotter from an HP 150 and two personal computers (supporting RS-232 serial interface plotters) via one option slot in the HP 150. The standard interface comes with 64K bytes of buffer memory; an additional 64K bytes is available. | 77

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### MANUFACTURER AND MODEL
- **Saber Technology, Saberlink**

### FUNCTION
- IBM mainframe link

### UNIT PRICE
- $29,950
- $32,500

### DESCRIPTION
- Four- or eight-port local communications link designed for use with Saberstation workstations is a microprocessor-based cluster controller that attaches directly to an IBM mainframe channel. Channel throughput is handled at 2M bytes per second and enhanced by a $2-µs$ CPU release from a Start I/O command.

### SERVICES
- **Future Net, D1-HSMAINT**

### FUNCTION
- Hardware/software maintenance

### UNIT PRICE
- $850 (fee)

### DESCRIPTION
- Support program provides user with extended warranty for Dash-1 hardware, including the graphics controller board and mouse. Software maintenance benefits include link with CAD Services’ PCB layout system, which enables a user to create a board layout after transmission of a Dash-1-generated netlist.

### SOFTWARE
- **The Computer Colorworks, Flying Colors with Printout Program**

### FUNCTION
- Color graphics

### UNIT PRICE
- $69.95

### DESCRIPTION
- Apple-compatible program includes a paint program (freehand drawing, automatic line, box, and circle routines, and text) and a slide projector program, which stores, recalls, organizes, and displays pictures manually or automatically. Users can create and print out images on any of 37 commonly used dot matrix printers.

- **Future Net, Model D1-Redac**

### FUNCTION
- Interface translator

### UNIT PRICE
- $800

### DESCRIPTION
- Designed for use with the Dash-1 Schematic Designer, this interface transfers created designs to Racal-Redac’s printed circuit development system, eliminating manual entry of design net lists.

- **Graphic Communications, Graphwriter Version 4.2**

### FUNCTION
- Presentation graphics

### UNIT PRICE
- $595
- $75

### DESCRIPTION
- This IBM PC (on MS-DOS) version of the Graphwriter presentation graphics software includes support for additional printers, plotters, and the Polaroid 35-mm film recorder. Additional text styles and a batch processing capability are also provided.

- **Interactive Microware, Quick-Draft**

### FUNCTION
- CAD program

### UNIT PRICE
- $50

### MISCELLANEOUS
- **DY-4 Systems, DSTD-776**

### FUNCTION
- Video controller

### UNIT PRICE
- $417

### DESCRIPTION
- Color CRT controller card for the STD bus can be configured for eight- or 16-level monochrome output. Designed to be used with the DSTD-776 graphics controller, the 776 supports 280, 8088, and 68008 addressing modes.

- **Management Graphics, QM-1 Quickchart Concentrator**

### FUNCTION
- Slide production

### UNIT PRICE
- $45,000

### DESCRIPTION
- Automated system allows dial-in users at computer terminals or word processors to create 35-mm slides in predesigned formats in one to five minutes. The QM-1 connects to the manufacturer’s Table Top Slide system, which produces the slides on the TTS film recorder.

- **Prime Computer, Ringnet Repeater**

### FUNCTION
- LAN expansion

### UNIT PRICE
- $3000 (electric), $5000 (fiber optic)

### DESCRIPTION
- The repeater enables users of the company’s Ringnet local area networks to physically distribute Prime 50 systems over wider areas. With standard coaxial cables, another 750 feet per repeater can be added. With fiber optic cable, the LAN can be extended 3280 feet (one kilometer) per repeater.

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