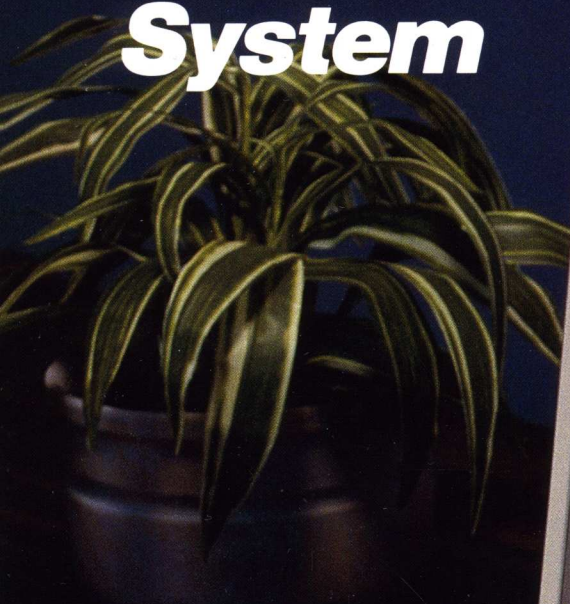# The Xerox 6085 Professional Computer System

XEROX

The Xerox 6085 Professional Computer System

The Xerox 6085 Professional Computer System (PCS) is a high performance, single user workstation designed to support a variety of applications required by the professional. The 6085 PCS has the ability to run an integrated software system, based upon the Xerox ViewPoint 1.0 software package. ViewPoint provides the underlying system structure and a powerful window package as well as the framework for running the Xerox VP 1.0 Series applications packages. The 6085 PCS also has the capability to run popular PC software programs in a window on its display screen. The 6085 PCS, therefore, combines the best of two worlds—the versatility and sophistication of ViewPoint's integrated applications and the specialized applications of the PC world.

The networked version of the 6085 PCS running Xerox VP Netcom software enables the user to access Xerox Network Systems resources such as electronic mail, printing, filing and communications. In addition the 6085 PCS is available in remote and standalone versions.

Key Features

☐ Provides a high performance Mesa processor, a processor architecture designed for efficient execution of large-scale, modular programming systems.

☐ Supports a Personal Computer Option, consisting of a co-processor able to run software written for the IBM PC or IBM PC/XT, with simultaneous execution and windowing of both 6085 PCS and PC environments on the display.

☐ Can be configured as a standalone workstation, or directly connected to a Xerox local area network.

☐ Offers a choice of two high resolution (80 pixels per inch) bit-mapped, monochrome displays: 15-inch or 19-inch.

☐ Includes a low profile, tactile feedback, ergonomically designed, QWERTY keyboard with adjustable tilt.

☐ Includes an optical mouse for pointing in a windowed environment and graphics applications.

☐ Provides 640 Kb memory, with the ability to expand to 3,712 Kb in 512 Kb increments.

☐ Provides a choice of 10 Mb, 20 Mb, 40 Mb or 80 Mb rigid disk drives.

☐ Supports an optional 500 Kb unformatted (360 Kb formatted) floppy disk drive. Drive housing is separate from processor housing and is movable to desktop with optional extension cable.

☐ Offers both an RS232C DTE communications port, and an RS232C DCE serial printer port.

☐ Includes an expansion slot for future growth.

Physical Specifications

Display	15-inch	19-inch
Display Area		
Width	11 inch	15.2 inch
Height	8.7 inch	11.6 inch
Depth	15 inches	16 inches
Weight	30 lbs.	38 lbs.

Keyboard

Adjustable Tilt	5° or 11°
Width	19 inches
Height	1.25 inches
Depth	7.5 inches
Weight	4 lbs.

Optical Mouse

Width	2.25 inches
Height	1.25 inches
Depth	3.75 inches
Cable to Keyboard Length	30 inches

Processor Unit

Width	9.5 inches
Height	21.5 inches
Depth	12.5 inches
Weight (standard configuration)	50 lbs.

Floppy Disk Drive Option (housing)

Width	9.5 inches
Height	2 inches
Depth	12.5 inches
Weight	6 lbs.

6085 PCS Operating Environmentals

Temperature	50°F–90°F
Relative Humidity	15%–85%
Altitude	to 6000 feet
Heat Dissipation (BTU/hr)	
Processor (max config less display)	1462
Processor (min config less display)	853
15-inch display	205
19-inch display	341
Floppy diskette drive	68

Electrical Requirements

AC power is obtained from grounded wall sockets. Voltage required at the outlets is 103 to 127 VAC at 60 Hz. The 6085 requires one outlet for the processor and display. The display receives power from the processor by using an outlet on the back of the unit. A second power outlet is required for the optional local printer. Current, 4.13 Amperes for 6085 Processor supporting maximum configuration and 15-inch display.