

Xerox® 860 Information Processing System: Partial Page Display



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Now, information processing can be accomplished effectively by a single multifunctional system. The Xerox 860 makes use of software application programs that can be read into the system's memory from prerecorded floppy discs. In effect, the operation of the equipment can be altered and its functions extended according to the kinds of software application programs that are read from the floppy discs and executed by the microprocessor. Software programs include those provided by Rank Xerox and those that may be prepared by the users for special applications.

The basic Xerox 860 Information Processing System pricing includes the operating system software and word processing application software. The operating system and word processing software are read into the 860 memory from a prerecorded disc. Word processing software along with the optional software application packages described below, give the 860 system wide capabilities.

Optional software application packages include Records Processing and a BASIC Language Interpreter. These options and the standard text program are described as follows:

Word Processing

Functions provided by the Xerox 860 word processing application software, which are additional to the word processing features offered by the Xerox 850 Page Display System, are as follows:

Master format – allows the operator to change and define the default format parameters for documents to be created, depending upon application needs.

Format scale – displays a format scale at any point within the document to simplify format changes.

Character and line count – both counts are displayed in the command line. When this is used in conjunction with the format scale, format changes are simplified by eliminating guesswork.

Priority print – when the operator requests priority printing, the current printing operation stops at the end of the page being printed; the priority document is produced; and the printer resumes the previous job at the proper point.

Horizontal scroll – allows the operator to request automatic scrolling in any 10-character segment, from 10 to 80.

Direct print – records keyboard strokes on the screen and on paper at the same time.

Off-screen functions – operations such as reformatting, page numbers, searching and global searching and replacing are handled automatically without requiring operator decisions.

Functional boundary – allows single operation movement or copying of text that starts on one page and ends on any page within the same document.

Records Processing

This optional software application package, which includes four simple mathematical functions, provides the operator with a means of creating, updating, manipulating and printing records.

Updating includes adding or deleting records, moving records from one file to another, adding new fields to records within a file and selectively updating fields within a record.

For manipulating records, the system can select by combinations of criteria, such as: greater than, less than, or equal to, etc. Sorting within a file can be done on records in ascending order or descending order. Processed records can then be printed, displayed or stored with a variety of choices in merging or other rearranging.

BASIC Language Interpreter

The primary purpose of this optional software package is to allow customers to develop their own application programs. These could be written by programmers on the user's staff.

BASIC is a business-oriented interactive language designed to handle business applications. Simple statements and operator commands facilitate the development of programs. Programs created by the user can be stored on disc and recalled for later execution. Documents created using BASIC language programs can be acted upon with any of the earlier-mentioned application packages.

Partial Page Display

By offering the Xerox 860 Information Processing System with a choice of display screen sizes, Rank Xerox has addressed two important considerations of many businesses: work station flexibility and cost control.

Customers who don't need a Full Page Display for page layout or heavy statistical information will find the new Xerox Partial Page Display a cost-saving alternative.

The partial page version of the 860 is an easy-to-read 24 line by 102-character display screen. Like the Full Page Display, it offers a choice of quality black characters on a white background or white on black. Characters can be displayed in 10 pitch, 12 pitch or a representation of proportional spacing, and for easy viewing, can be zoomed to twice their normal height. Text highlighting is displayed in reverse for easy operator confirmation.

In situations where verification of page layout and balance are required, the Xerox 860 Full Page Display (70 lines by 102 characters) is a highly effective solution.

Peripherals

To improve the functionality of the Xerox 860 Information Processing System, these accessories are available: Shared Printer Interface and Automatic Paper Feeder.

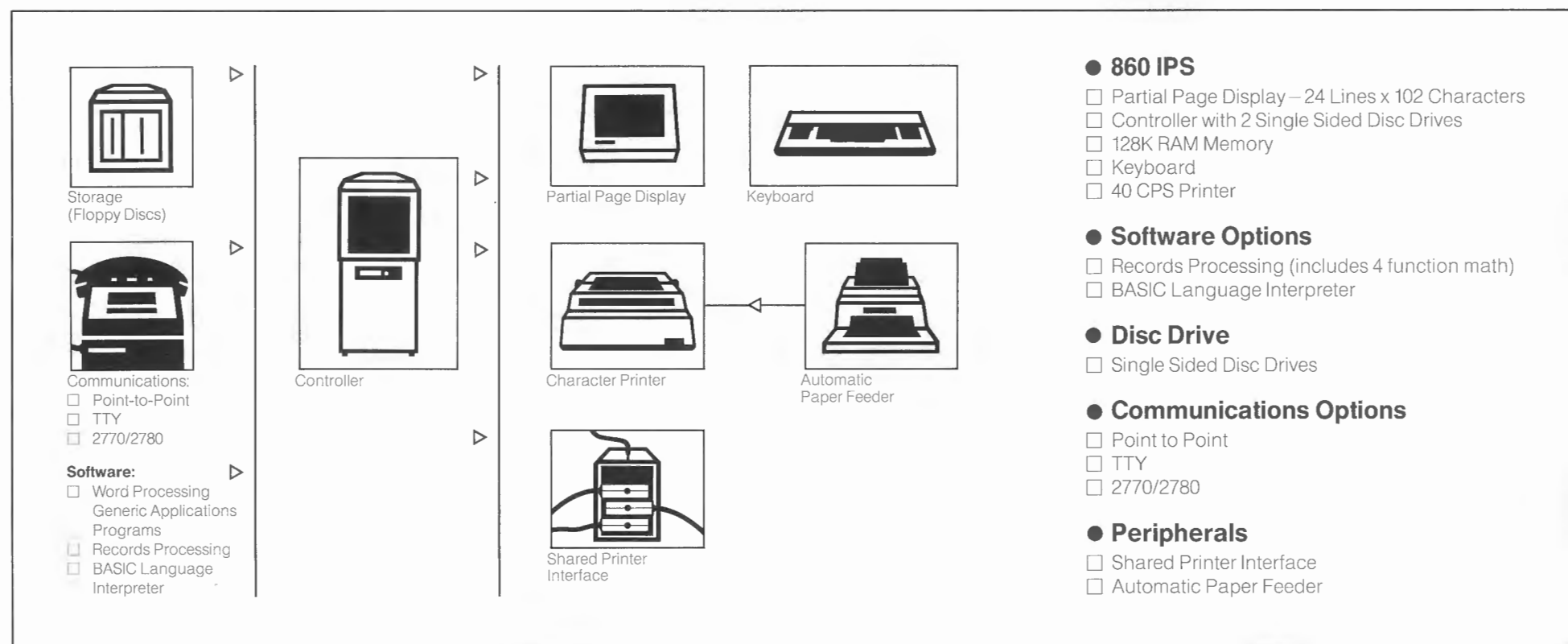
Communications Accessory

The 860 Communications Accessory provides the capability of connecting the Xerox 860 with suitably configured 860s, computers, or the 860 with the Xerox 850 Display Typing System and some other word processors. The Communications Accessory transmits and receives information over telephone and other voice grade networks at speeds ranging from 10 to 600 characters per second.

The communications accessory is highly useful for gathering or distributing time vital information, and for developing multifunctional requirements as office needs grow. The 860 communications modes are sold or leased separately.

Designed for exceptional flexibility, the easy-to-operate 860 IPS can handle a multitude of word processing and data processing functions, and can be easily expanded as needs and applications grow.

The Xerox 860 IPS will help you achieve greater efficiency, productivity and economy – benefits that make the 860 Information Processing System the right choice for so many businesses today.



Specifications

Display Screen: 24 lines, 102 characters per line displayed black on white background or vice-versa, with brightness control

Keyboard: Separate unit from display screen

Printer speed: Up to 40 characters per second, bi-directional

Writing line: 330mm (13in) Standard carriage

Platen: 381mm (15in) Standard carriage

Ribbon cartridges: Interchangeable film or fabric

Size and Weight:

Display screen: Height: 330mm (13in)
Width: 381mm (15in)
Depth: 355mm (14in)
Weight: 10.5kg (23lbs)

Keyboard: Height: 102mm (4in)
Width: 508mm (20in)
Depth: 229mm (9in)
Weight: 3kg (6.5lbs)

Controller: Height: 762mm (30in)
Width: 305mm (12in)
Depth: 711mm (28in)
Weight: 79kg (174lb)

Standard printer: Height: 208mm (8 $\frac{1}{4}$ in)
Width: 630mm (24 $\frac{1}{2}$ in)
Depth: 483mm (19in)
Weight: 27kg (60lb)

Disc Storage Capacity

203mm (8in) Floppy: 300K characters approx

Electrical Requirements

Voltage: 193-264 VAC single phase
(two wires plus earth)

Frequency: 50Hz

Current: One partial page display system (controller, partial page display, keyboard and printer) can be connected to one 13 amp circuit

Operating Environment

Ambient temperature: 10° to 35°C

Relative humidity: 15% to 85% with maximum wet bulb temperature of 26°C