

MICRODATA SERIES 7000.

YOUR KEY TO EXPANDED DATA ENTRY, PLUS...

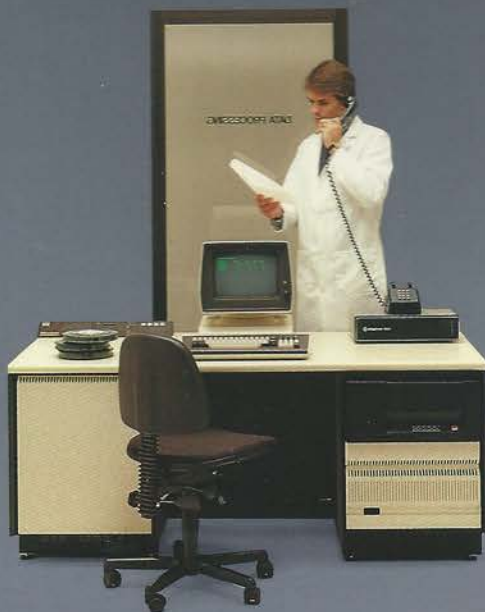
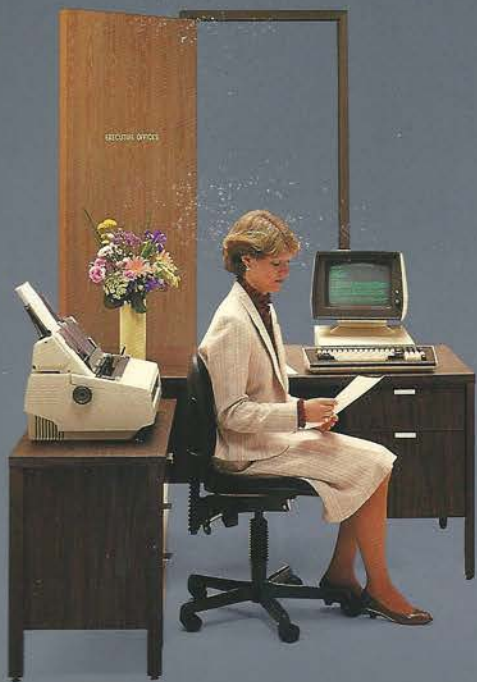
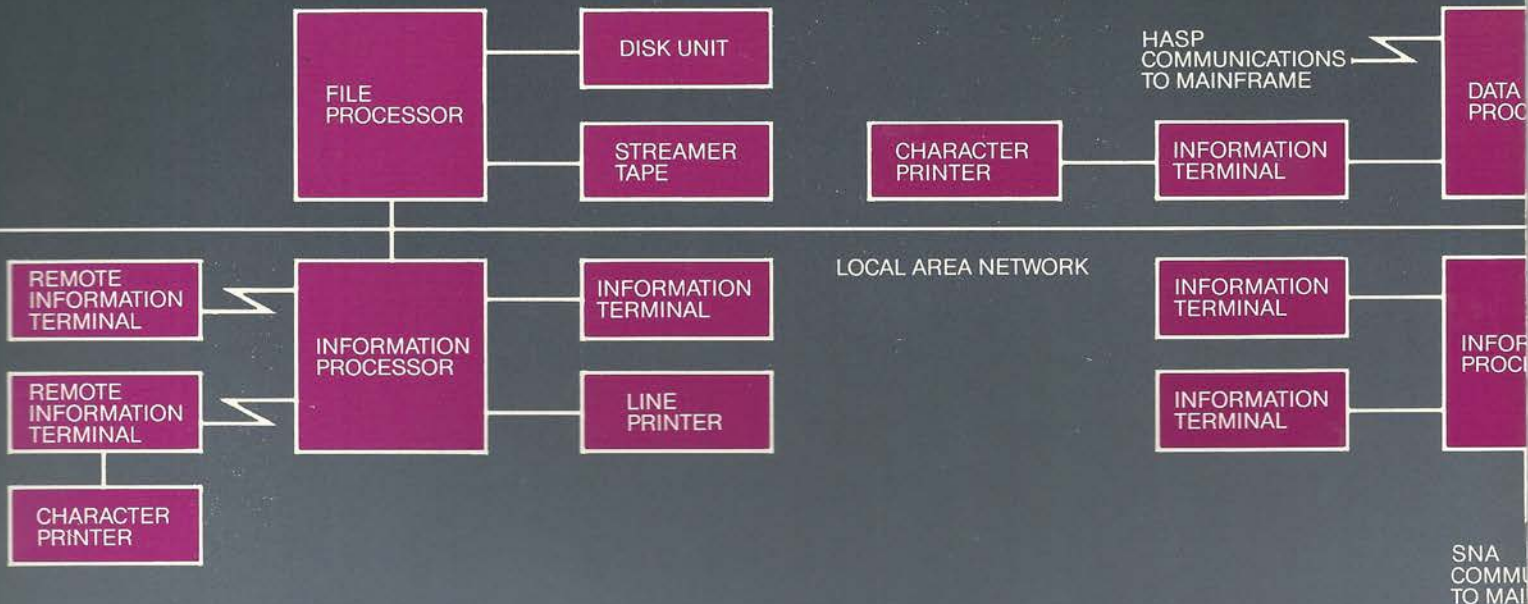


Microdata

SIMPLY POWERFUL



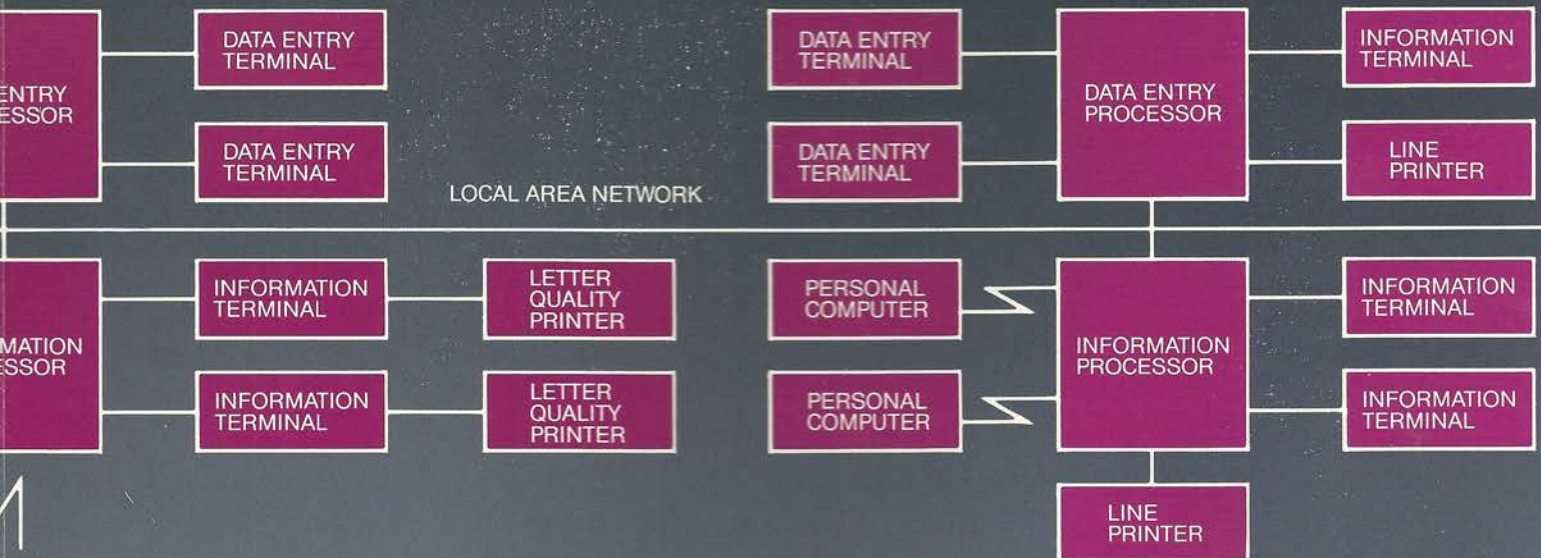
**A WORLD
OF INFORMATION
PROCESSING AT
YOUR FINGERTIPS.**



Today's diverse business environments demand equally diverse capabilities from their computing systems. And Microdata brings effective information processing solutions to business in the Series 7000 system. Incorporating advanced state-of-the-art multi-processor architecture consisting of several independent processors connected via a high speed local area network, the Series 7000 can efficiently handle high speed data entry. Batch and transaction processing. Communications. Office automation. Application generation. All with a speed, power, and accuracy that brings an immediate response to your information needs. But that's only the beginning.

The Series 7000 is modular by design. A cost effective concept that offers you expansion potential unparalleled by competitively priced systems. With the Series 7000, you can start with a basic data entry system...and grow to a sophisticated multi-function environment supporting up to 208 terminals. And the Series 7000 will interface with many of today's popular personal computer, microcomputer, and mainframe systems, providing you with an even greater range of computing capabilities than ever before.

The Series 7000 by Microdata. Bringing innovative solutions to your individual information needs.



NEW DIMENSIONS IN DATA ENTRY.

Because data entry is one of the Series 7000's primary functions, Microdata has built incredible speed and high performance into each system we sell. Which means that your data entry personnel can pre-process, enter, and analyze information faster and more accurately than ever before. This high speed data entry function also utilizes extensive operating system utilities for format control and data manipulation as well as an enhanced version of BASIC which contains special extensions for the data entry environment.

ENHANCED COMMUNICATIONS CAPABILITIES.

A high speed local area network is the key to the Series 7000 system's flexibility. It allows up to 30 independent processors (including the file processors), to carry out separate tasks simultaneously, and then share the information with other processors as needed. This local area network enhances the Series 7000 system by providing the optimum in resource sharing and inter-processor communications as well as remarkable expansion capabilities that can accommodate your company's growth. And each processor in the system is capable of both Asynchronous and Synchronous communications. Batch protocols include IBM 2780, 3780, 2770, 3741, HASP, SNA-377X. Interactive protocols include the IBM 3270, 3270 PASS-THRU and SNA 3270. Both batch SNA (377X) and interactive SNA (3270) can be supported on a single communications link at speeds up to 19.2 KBS.

THE SERIES 7000 DIFFERENCE IN OFFICE AUTOMATION.

Only a concept a decade ago, the automated office is now an accepted presence in business and industry. And the Series 7000 is there to offer a variety of helpful, time-saving tasks including a sophisticated word processing package that can merge printed documents with data files, communications, data entry and other Series 7000 facilities. Electronic mail capabilities for person-to-person communications. An easy-to-use spreadsheet function that can both simulate and solve complex financial problems. A calculator, personal diary, calendar and telephone directory. And more. All of which can bring increased productivity and enhanced operations to the office environment.

In addition to its remarkable office automation tasks, the Series 7000 system provides an interface with several of today's popular micro and personal computers. When connected to a Series 7000 network, users can gain access to the system's extensive resources and database ... without sacrificing personal computing capabilities.



THE MICRODATA SERIES 7000. A DYNAMIC APPROACH TO DATA PROCESSING.

Because every business situation demands different data processing capabilities, Microdata has developed multi-functional processors, each of which is designed to handle a specified set of data processing tasks within an integrated local area network environment. These processors include:

- **File Processors.** Supporting both indexed and sequential file structures and providing virtual memory management for the system, File Processors provide centralized storage and backup facilities for the network as well as monitor its activity. Each Series 7000 File Processor consists of a processing unit, up to 250 MBytes of Winchester-type disk storage and streaming tape unit contained in a single console unit.
- **Mirror Image File Processors.** Operating in the Series 7000 system, File Processors offer a unique configuration capability that guarantees continuous system operation and maintains data integrity. We call this our "Mirror Image" capability. In this configuration, two independent File Processors operate simultaneously, with all data written to the primary processor duplicated by the second. If either processor detects a data error in the other, the system's software-driven operations are transferred entirely from the malfunctioning processor until the problem can be identified and resolved. This way, you save valuable processing time as well as your important data.
- **Information Processors.** Series 7000 Information Processors handle multi-function tasks ranging from program development and system monitoring to interactive or batch processing. Each Information Processor can support up to 16 local or remote terminals while a fully configured system can support up to 208 terminals simultaneously.
- **Data Entry Processors.** The Series 7000's Data Entry Processors efficiently handle the demands of high speed batch entry requirements, as well as a variety of real time validation, calculation or look-up functions.
- **Network Processors.** The sophisticated design of the Series 7000 enables you to take advantage of its networking feature, which gives you the ability to locally connect up to four independent systems. This allows the user to share resources from each system across the network.

IT'S ALL™ OR NOTHING.

ALL (Applications Language Liberator) is Microdata's powerful fourth generation software tool and functions as an ideal enhancement to the Series 7000. Through a combination of simple, easy-to-follow menus and input screens, ALL enables even the novice user to create, maintain and document business applications. ALL enables users to automate their individual office needs without conventional programmer involvement. Customized applications become an easy task with ALL.

In addition, the Series 7000 provides English® Command Language, Microdata's inquiry software that allows users to access and retrieve information in ordinary, everyday English. These revolutionary capabilities provide Series 7000 users, from data entry clerks to managers, with remarkably easy access to the information resources stored in the Series 7000 data base.

A GROWING LIBRARY OF SPECIALIZED APPLICATIONS PACKAGES.

To date, the Series 7000 can accommodate several specific business applications packages including General Ledger, Accounts Receivable and Accounts Payable and other financials. ALL provides a bridge between the Series 7000 and other Microdata computer systems, providing for shared data resources and more. As additional packages are developed on all Microdata products and introduced, they, too, will be available on the Series 7000 system. So you're assured a system that offers you the most current offerings in applications software technology.

BUILT AND BACKED BY MICRODATA.

The Microdata Series 7000 is continually supported by Microdata's extensive worldwide sales and service organization, which provides, at a moment's notice, exceptional single-supplier service including application analysis, installation and training. In addition, Microdata's U.S. network of direct sales offices as well as our subsidiaries and distributors in more than 50 countries are available to assist you.

SERIES 7000 SPECIFICATIONS.

System Architecture

- Multi-Functional Processors
 - File Processor Data Entry Processor
 - Information Processor
- Maximum 30 processors
- Processor interaction via Local Area Network
 - Functionally dedicated memory segments
 - Time slice processing with interrupt servicing
 - Supports communications (Async and Sync)
 - Line and Character Printer Support
- Large or Small Screen Terminals
 - Keyboard styles include data entry, word processing and typewriter
 - Maximum connectivity is 208 terminals
- On-Line Storage Characteristics
 - Scaled drive Winchester technology
 - Maximum 4 volumes
 - Each volume maximum 250 MB
 - High speed unformatted disk backup to streaming magnetic tape
- Network Processors
 - Shares resources of 4 local File Processors
- Mirror Image
 - Simultaneous update of identical disk volumes to guarantee continuous system operation
- Local Area Network
 - 625,000 bits per second Up to 2600 feet

Communications

- Asynchronous and Synchronous
- Both Batch SNA (377X) and Interactive SNA (3270) may be supported on single communications link at speeds up to 19.2 KBS
- Batch Protocols
 - IBM — 2780, 3780, 2770, 3741, HASP, SNA-377X
- Interactive Protocols
 - IBM — 3270, 3270 PASSTHRU, SNA 3270

Data Entry

- IBM 029 standard keyboard
- Check box formatting
- Powerful validation
- Extensive supervisory facilities

Languages

- BASIC • English Command Language
- COBOL ANSI 74 • KEYBASIC

Office Automation

- Word Processing
- Electronic Mail
- Spreadsheet function
- Action List, Calendar and Calculator
- Personal Diary and Telephone Directory

Personal Computer Interface

- P.C.'s or workstations attached to Series 7000
- IBM personal computers interface

ALL

- Fourth Generation Language
- Increase programmer productivity
- Automatic documentation

Specs subject to change without notice

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