

NCR

7500
Series



NCR 7500 Series

*From Data Entry Station...
To Intelligent Terminal...*

To a Complete Computer System on a Desk Top

The NCR 7500 Series gives you as much data processing power as you need, exactly where you need it.

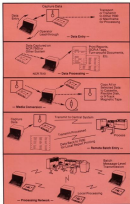
- Using the powerful NCR BASIC + 6 interpreter, NCR 7500 models can handle a variety of low-volume business applications without having to access a larger computer.
- Load different firmware, and your system becomes a formatable data entry workstation for capturing information on cassette or flexible disk... as a byproduct of data entry, you can transfer captured information to printed records, OCR-A form tags, or 1/2-inch magnetic tape.
- Add communication software, and your 7500 system becomes a terminal for remote batch entry or for local processing in a distributed processing environment.

The NCR 7500 Series is a practical, affordable way to put computing power at the fingertips of anyone who needs it. It offers the first-time user a simple, inexpensive way of automating to meet current processing requirements while leaving plenty of room for growth. It offers the larger user an attractive alternative for distributing main-frame workloads. It offers every user increased productivity and a cost-effective solution to a host of processing problems.



Flexibility . . . the key to affordable, custom-tailored processing

NCR 7500 Series systems are designed to work as self-contained units or as adjuncts to larger mainframe systems. Data captured on cassette or flexible-disk can be subsequently transported, either physically or through an online network, to a central computer (your own, or one at an NCR Data Center). On certain models, data from cassette or disk can also be copied onto industry-standard magnetic tapes, the most practical approach for high-volume mainframe processing. The important thing is that you have the option of selecting the system and features that work best for your environment and your needs. If your needs ever change, you can expand and reconfigure your system to meet them simply by adding hardware and software features.



NCR 7500 Processing Options





Modularity . . . the key to flexibility

MOR T500 systems are so flexible because hardware, software, and firmware are completely modular.

You start with a microprocessor-based central processing unit that has a 9-inch (9 1/2-character area) integrated video display screen and from 40,000 to 44,000 characters of memory storage.

You select the keyboard that best fits your needs and operating environment. If your operators have keypunch experience, you can choose either a keyboard in standard keypunch format or one that incorporates keypunch format with a separate 10-key pad to simplify alphanumeric entries. If your operators do not have keypunch experience, the T500 can be equipped with a typewriter-style keyboard that also features a 10-key pad. A fourth keyboard has BASIC language function keys. Keyboards are cable connected, so they can be positioned for operator convenience and interchanged as conditions warrant.

Next, you add the peripheral units you need. For data entry, you can select either industry standard data cassettes or flexible disks. You can pool data onto magnetic tape at either 800 tpi density (PRC mode recording) or 1600 tpi density (phase-encoded recording). For hard disk output, you can choose the printer that best fits your needs from several available models, including one with CODA-A font for special applications.

Software and firmware modularity mean that you pay only for what you need, with no unnecessary overhead.

Data entry firmware allows you to capture and verify information according to multilevel formats programmed for your particular requirements. Programming is simple; you specify data recording and verification functions (including arithmetic operations) using a parameterized language, and the T500 does the rest. During data entry, the operator can be guided by lead-through messages that simplify training and reduce the opportunity for error.

Media converter firmware allows all or selected data to be transferred from one magnetic medium to another, without operator intervention.



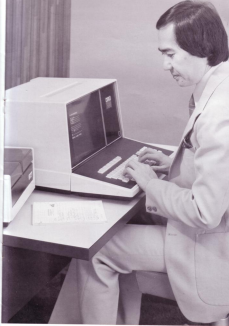
OCR BASIC + 6, an enhanced version of the BASIC language that is easy to understand and use, transforms any TRS-10 model into a programmable desk-top-computer system that puts processing power where the work is. You can use it for in-house processing of data captured in the entry mode, or as a system that allows you to work on special projects without having to access a larger computer system.

Data communications software allows you to use your system as a remote batch entry device that transmits data to a central system for processing and receives processed data from central for fiscal file updating and report printing.

And, for added flexibility . . . OCR Data Center Processing

Data cassettes, flexible disks, and magnetic tapes produced by TSOB systems can be mailed or transmitted to OCR Data Centers for further processing, should you require this service.





In summary . . .

NCR 7500 Series systems are low-priced, easy to understand, and easy to operate, while offering you a broad spectrum of choices to meet your individual processing needs. You can start with a very basic data-entry system that will improve productivity and streamline information collection, and then grow in simple, logical steps, as your business grows, to whatever additional power you need. If the time comes when you have to move up to a larger NCR system, you'll find that you can transfer files created on your 7500 system directly to your new system, thanks to NCR's continuing commitment to compatibility across all product lines.



Your local NCR representative can give you more information about individual models in the series and about ways they can be put to work for your business.



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Worldwide sales and service through 1,200 offices located in 120 countries.

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