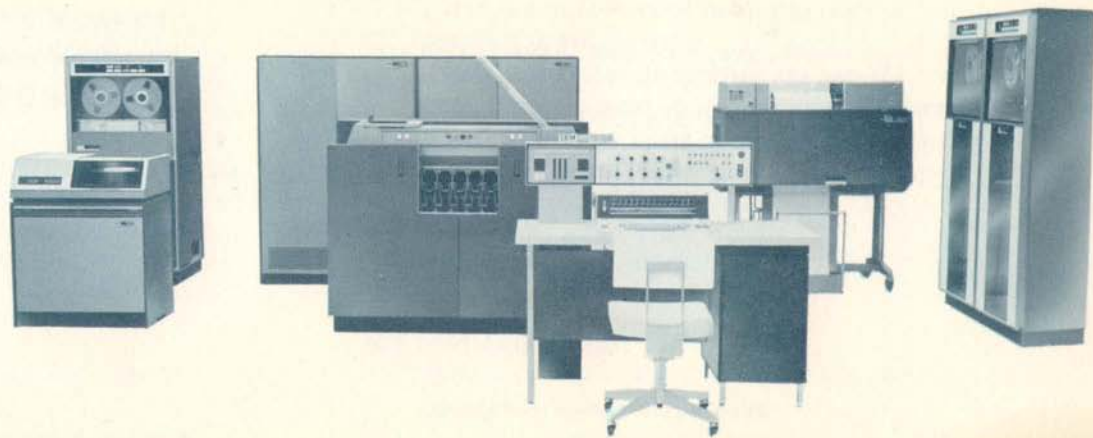


IBM

1460

DATA PROCESSING SYSTEM

CUSTOMER
ENGINEERING
ANNOUNCEMENT



System Features

The IBM 1460 Data Processing System is specifically designed as a 1401 expansion system. It utilizes widely accepted 1401 instruction logic and latest advances in solid state computer design. To these basic features are added increased speed of both processing and input-output.

The 1460 System, because of its versatility, is adaptable to a wide variety of related systems and peripheral components.

Basic System Units

IBM 1402 Card Read-Punch, Model 3

Read 800 CPM
Punch 250 CPM

IBM 1403 Printer

Model 2: 600 LPM, 132 print positions
Model 3: 1100 LPM, 132 print positions

IBM 1441 Processing Unit / 1461 Input-Output Control

6.0-microsecond memory cycle
Eight, twelve, or sixteen thousand positions of integral core storage

IBM 1447 Console

Model 1: Operating switches, keys, and lights
Model 2: Standard console features plus console I/O printer
Model 4: For use with 1448

Peripheral Equipment

IBM 729 Magnetic Tape Units (Maximum — 6 per System)

Model II, 41,667 characters per second
Model IV, 62,500 characters per second
Model V, 60,000 characters per second
Model VI, 90,000 characters per second

IBM 1311 Disk Storage Drive, Model 1 and Model 2

Removable packs of six disks utilize ten surfaces. Each pack can store up to two million characters. Comb type access mechanism has average access time of 250 milliseconds. Up to five drives can be used with one processing unit.

IBM 7330 Magnetic Tape Unit (Maximum — 6 per System)

Model 1: 20,000 characters per second

IBM 1412 or 1419 Magnetic Character Reader, Model 1

Reads and sorts checks, cards, and paper documents printed with magnetic ink.

IBM 1009 Data Transmission Unit, Model 1

Enables the IBM 1460 system to exchange data with another IBM system or remote terminal.

IBM 1418 Optical Character Reader, Model 1 and Model 2

Reads numeric and selected special characters.

IBM 1011 Paper Tape Reader, Model 1

Reads standard 5, 6, 7, or 8 channel paper tape at 500 characters per second.

IBM 1428 Alphameric Optical Reader

Reads alphameric characters.

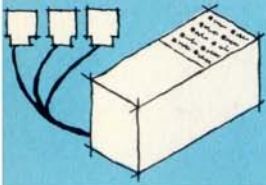
IBM 1012 Tape Punch, Model 1

Punches 5, 6, 7, or 8 channel paper tape at 150 characters per second.

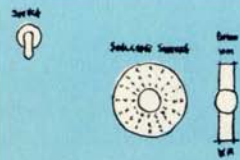
IBM 1448 Transmission Control Unit

Provides a link between the 1460 and a network of up to 40 communication lines.

Customer Engineering Features



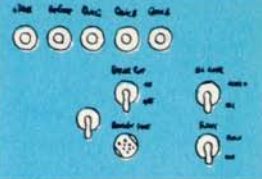
Portable *indicator box* provides convenient display of signals. Changeable overlays for testing different components.



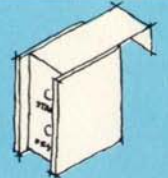
Character select switch and *alter+1* mode simplify manual entry and eliminate necessity for manually advancing the address switches.

Console indicator lamp test switch checks all console indicator lamps.

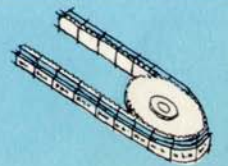
Built-in error recycle circuitry and marginal check features.



Portable *start-stop-reset* switch for remote system control.



IBM 1403 Printer, Model 3, train drive provides type slugs that are easily replaceable without special tools.



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