



Datapoint 1560 Processor



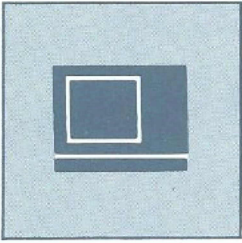
DOS 11 VER 2.7 LOGICAL DRIVE MAPPING COMMAND - ZHANG 12-84

THE DOS 11 MAPPING COMMAND ALLOWS THE USER TO MANAGE SEVERAL SYSTEM RESOURCES:

- LOGICAL DRIVE MAPPING ALLOWS THE ADDITION OR DELETION OF DISK OR DISKETTE CONTROLLERS, THE SELECTION OF DISKETTE DENSITY OR 5.25" FORMAT, AND THE INSPECTION OF THE CURRENT LOGICAL DRIVE MAPPING.
- NO COMMAND LINE OPTIONS ARE REQUIRED TO INVOKE THIS MAPPING FUNCTION.
- PRINTER MAPPING ALLOWS THE CURRENT IN-MEMORY SYSTEM PRINTER AND RATE IN THE SYSTEM PRINTER BIOS RATE ON ANY ONLINE SYSTEM TO BE INSPECTED AND MODIFIED, AND ALLOWS SELECTION OF HORIZONTAL AND VERTICAL SPACING ON DASH PRINTERS.
- SPECIFY "P" ON THE MAPPING COMMAND LINE TO INVOKE THIS FUNCTION.
- EXTENDED MEMORY ALLOCATION MAPPING ALLOWS THE EXTENDED MEMORY OF A 128K WITH ROM VERSION 31 OR GREATER TO BE PARTITIONED BETWEEN THE DOS PROGRAM AND A CONCURRENT JOB.
- SPECIFY "M" ON THE MAPPING COMMAND LINE TO INVOKE THIS FUNCTION.
- TYPE "ENTER" TO RETURN TO THE LOGICAL DRIVE MAPPING FUNCTION OF MAPPING.


DATAPOINT 1560

DATAPOINT 1560 PROCESSOR



The Datapoint® 1560 Processor, the newest member of the 1500 series, is designed for use in data entry, data processing, word processing, electronic message service, and data communications applications in the small business or professional workstation environment. The basic processor consists of a Z80A microprocessor, 12K of system ROM, 64K of RAM (expandable to 128K), typewriter-style keyboard, video display screen, and a dual communications interface.

An enhancement to Datapoint's initial 1550 and compatible with the 1500 processor¹, the new 1560 supports Datapoint's DATABUS® business programming language, FORTRAN, and BASICPLUS. The 1560 can function either as a standalone system or as the host processor in a four-workstation DATASHARE® configuration and (optionally) even as part of an ARCNET™ local area network. The DOS.H ARCNET allows up to 255 processors to be linked together to form a local network. A 1560-based ARCNET can be part of a conjoined network that includes a complete Datapoint Resource Management System (RMS™) Attached Resource Computer® (ARC™) network.

The 1560 will function under Datapoint's Disk Operating System (DOS) or CP/M² software (optional). Word processing is available with Datapoint's Integrated Electronic Office™ (IEOS) software, as well as sending and receiving messages electronically with other Datapoint equipment under Datapoint's Electronic Message System. Multiplan³ is just one example of the many package programs available from Datapoint for use on the 1560. IBM mainframe communications and terminal emulation can be performed with Datapoint's EM3270 software package. SDLC communications discipline support with bit-oriented protocol compatibility is available with the Multifunction Communications option on the 1560.

The 1560 features a built-in communications interface that allows automatic call answering when attached to a user-supplied modem. The 1560 also includes several special features to enhance its versatility and performance. An amber screen is standard for maximum operator comfort. Inverse

video (dark characters on a light background) display capabilities may be used for highlighting and more dramatic operator prompting. Programmable function keys may be used for tab and cursor positioning or as conditions for program branching.

The 1560 concurrent job feature allows the processor to perform printing or communications tasks concurrent with processing. The Multifunction Communications option makes it possible to attach three workstations and a printer.

A wide variety of data storage devices and printers are available as peripherals for the 1560 processor.

The ARCNET capability of the 1560 is currently under development and is planned for availability in the second calendar quarter of 1983.

Functional Characteristics Physical Characteristics

Processor Type:	Z80A microprocessor	<i>Equipment Dimensions:</i>	1560 Removable Keyboard
Memory Type:	MOS	Height:	12.4 in.(31.5 cm)
Memory Size:	12K system ROM	Width:	20.0 in.(50.8 cm)
	64 or 128K user RAM	Depth:	22.7 in.(58.0 cm)
Keyboard Type:	Standard Typewriter	Weight:	54 lbs.(24.5 kg)
	(ASCII Alphanumeric)	<i>Power Requirements:</i>	115 or 230 VAC, 50 or 60 Hz
	55-Key Alphanumeric Group	<i>Environment Temperature:</i>	50 to 100 degrees F
	11-Key Number Pad		(10 to 38 degrees C)
	10 Function Keys	<i>Humidity:</i>	20 to 90%, noncondensing
	Removable keyboard	<i>Model Codes</i>	
	(optional)	1561	Application processor with 64K user memory and ARCNET interface
Display:	10 inch diagonal	1562	Processor with 64K user memory and one single-sided, double-density diskette, 1MB storage module
	(12" CRT)	1563	Processor with 64K user memory and one double-sided, double-density diskette, 2MB storage module
	Amber screen	1565	Processor with 64K user memory, 5MB 5.25" Winchester disk and 1MB backup diskette drive
	80 columns by 24 lines	1566	Processor with 64K user memory, 10MB 5.25" Winchester disk and 1MB backup diskette drive
	5 x 7 dot matrix characters	0251	Additional 64K Memory (optional)
	Magnetic Deflection	0252	ARCNET Interface Board (optional)
Refresh Rate:	60 or 50 times per second	0253	Multifunction Communications (optional)
Data Format:	Synchronous or asynchronous, program controlled and defined	5151	Removable Keyboard (optional)
Character Code:	Program defined		
Mode:	Full or half duplex		
Data Speeds:	50 to 9600 baud		
Interface Specification:	RS-232C		
Operation:	Under program control, no manual adjustments		
Cursor:	Fully positionable, non-destructive		

¹Existing 1500 and 1550 Processors can be field-upgraded to support the features of the enhanced 1560.

²CP/M is a registered trademark of Digital Research, Inc.

³Multiplan is a trademark of Microsoft, Inc.

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