IBM 4300 Series

New Product Announcement

The 4300 Series has gained new capabilities through extension of the Remote Support Facility (RSF) feature, enhancement of the Direct Access Storage Compatibility feature, and new peripherals. The extension of RSF is available now, while the compatibility feature will be available in the second quarter of 1980. All new peripherals will be available by third quarter 1980 with first deliveries on some units already begun.

REMOTE SUPPORT FACILITY FEATURE EXTENSION: Provides RSF with attachment capability to an external modem. RSF now comes with its original integrated modem attachment (feature 9510) or with an interface requiring an FCC registered external modem (feature 9511). Feature 9510 requires an FCC registered CDT type protective coupler and telephone connection. Feature 9511 requires that the external modem be compatible with WE202S modem interface and operation or equivalent.

DIRECT ACCESS STORAGE COMPATIBILITY FEATURE ENHANCEMENT: Provides emulation of 2311, 2314, 333X (100 megabyte/volume models) or 3340 data formats on the IBM 3370 connected to a 4331. The feature enhancement also provides for emulation of 231X on the IBM 3310.

In System/370 mode, the feature operates under DOS, DOS/VS, DOS/VSE, OS/VS1, or VM/370. In ECPS: VSE mode the feature operates under DOS/VSE. Fixed block mode operation is not supported by OS/VS1. Under VM/370, operation is limited to emulated full volumes. In this case the full volume must be dedicated to a guest operating system.

PERIPHERALS: The 4300 Series will, during 1980, be enhanced to support new displays, printers, and a remote control unit under DOS/VSE, DOS/VS, OS/VS1, MVS, and VM/370. *now on 4300* These new peripherals provide new display and print functions of extended highlighting, extended color, and programmed symbols. The new units include the 3274 Control Unit Model 51C, the 1920-character 3279 Model 2A Four Color Display, the 2560-character 3279 Model 3A Four Color Display, the 1920-character 3279 Model 2B Seven Color Display, the 2560-character 3279 Model 3B Seven Color Display, 3101 Display Terminal, 3102 Printer, 3262 Printers, 3287 Color Printers 1C and 2C, 3843 Loop Control Unit, and enhancements to all models of the 8775 Display Terminal and 3278 Display Station.

The 3274 Control Unit Model 51C attaches to the 4300 via the 3704, 3705, 1601 Communications Adapter (on 4331), 2701, or 2703. The 3274 provides for attachment for up to eight terminals, including monochrome, four or seven color displays, black or color serial matrix printers and line printers.

The 3279 displays can use existing 3270 data streams or the new 3270 extended data stream. Models 2B and 3B provide extended highlighting of reverse video, underscore, and blink; operate in extended color mode with fields or characters displayed in red, blue, green, white, yellow, turquoise, or pink; and optionally support up to six sets of programmed symbols.

The 3101 is a low cost display terminal connected to the 4331 via the communications adapter and common carrier RPQ or via the 2701 or 3704/3705 with start/stop interface. The 3101 provides a 1920-character screen consisting of 24 lines of 80 characters each and uses the 128 ASCII character set. The 3102 Printer attaches to the 3101 and operates at up to 40 cps. This is a friction feed thermal printer providing 80-character lines and 95 printable ASCII characters.

The 3262 Band Printers are medium speed units which operate at skip speeds up to 20 inches per second; provide vertical spacing of 3, 4, 5, or 8 lines per inch; and support 132 print positions, forms width from 3.5 to 16 inches, and up to 6-part forms. Rated speeds in lpm are as follows:

Character Set	Nominal Rated Model 2	Speed Model 12
48	650	325
64	467	230
96	364	180

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The 3287 Printers Models 1C and 2C print up to 80 cps and 120 cps respectively in combinations of red, green and blue in addition to black. A multi-color ribbon cartridge is employed. The 3287 Printers are bidirectional serial matrix units employing a 7 by 8 dot matrix, 10 characters per inch, 6 or 8 lines per inch, 132 characters per line, 8- to 14.88-inch wide paper, and up to 6-part forms.

The 3843 Loop Control Unit provides data link attached loop capability at 2400, 4800, or 9600 bps. The 3843 incorporates a RS-232C interface for use with external synchronous modems on a non-switched telecommunications link.

The 3278 Display Station, when attached to the 8100 via the 3274-51C, is provided with programmed symbols and extended highlighting. The 8775 Display Terminals are enhanced with two programmed symbol features providing storage and access of up to six sets of customer-defined symbols.