DATAPOINT

V I S T A - P C

THE DATAPOINT PROFESSIONAL COLOR COMPUTER

VISTA-PC™, the DATAPOINT® Professional Color Computer, is a member of the PRO-VISTA™ family of office automation products. Available in a variety of configurations matched to varying user requirements, it supports today's popular and proven software applications. The VISTA-PC offers true multifunction processing as well as color graphics production at an affordable price.

The VISTA-PC Model 1201, an economical dual diskette system, features low-cost-per-workstation office automation capabilities. Offering multifunction color processing and hard disk support, the VISTA-PC Model 1202 performs multiprogramming and multitasking applications. In addition, the 1202 can share resources and information with up to five 1204 low-cost workstations or other VISTA-PC systems.

When emulating a DATAPOINT 8220 workstation, the 1201 and 1202 systems can share the resources of other DATAPOINT processors and operate as participating workstations in an RMS™ (Resource Management System™) ARC® (Attached Resource Computer®) local area network or as part of a DATASHARE® timesharing system. The systems also support a vast array of data communications enabling you to "talk" to most mainframes in use today.

FUNCTIONAL CHARACTERISTICS

Processor

Processor type: 80186 16-bit CPU, 8 MHz

Memory

Memory size:
16K System ROM
256K user RAM (with parity), expandable to 1MB

Monitor

15 inch diagonal
720 x 348 pixel resolution
8 colors selectable from 64 color palette
Separate display RAM
Separate font RAM (64K)
80 columns x 29 lines (2320 character positions)
7 x 9 dot matrix characters on 9 x 12 cell
Bit mapped
User-loadable character set
Tilt/rotate base

Character-by-character attributes:

Bold	Half-bright
Blink	Strikethrough
Underline	Upper and lower case, special characters
Reverse video	

Keyboard

Low profile
Detached, up to 6 feet from monitor
98-key keyboard:
    10 programmable function keys
    14-key numeric pad
    6-key cursor control pad
    4-key display pad
    8-key control pad
    56-key alphanumeric pad, IBM Selectric format

Standard Interfaces

Two RS-232C serial interfaces (with secondary channels)
Centronics® parallel interface
Bus interface for connecting disk expansion units

Cluster interface for connecting up to five VISTA-PC workstations or processors to a VISTA-PC (1202) master station

Bundled Software

MS-DOS Operating System
GW-BASIC Programming Language
Diagnostics

Memory Extensions

Up to three additional 256K memory boards allowing for maximum of 1MB of memory

1258 Printer (shown on cover)

Impact, matrix 80 column
Print direction: bidirectional
Print speed: 160 characters/sec minimum at 10 pitch with average English text within an 8 inch line; 40 CPS in near-letter quality mode
Line density: 6 characters/inch; other densities are programmable

9656 Color Plotter

Type: 6-pen version
Interface: RS-232C

Representative Applications Software

COLOR-PAC
Industry-standard MS-DOS applications
Multiplan®
Word processing
(Note: some software may require additional memory.)

Communication Protocols

3270 Bisync
2780/3780
3270 SNA/SDLC
377X
X.25
Asynchronous Terminal Emulator
EM8220 Emulator
DATAPOLL®

Both models can easily be upgraded with the addition of resources such as memory, storage, and peripherals. With the optional 9656 Color Plotter you can produce a multitude of colorful and professional visual aids such as line, bar, pie, and text charts. You can also output information on a choice of three DATAPOINT impact printers.

Integrated software solutions make the VISTA-PC a powerful management tool. The VISTA-PC utilizes the proven MS®-DOS operating system to support a wide variety of industry-standard applications. DATAPOINT proprietary software offerings include EM8220 emulation for interface with other DATAPOINT host systems and COLOR-PAC for word processing, financial spreadsheet, color graphics, and multitasking capabilities. For personalized programming control, the VISTA-PC family offers software development tools including the high-level GW™-BASIC programming language, plus DATAPOINT DATABUS®.

The VISTA-PC is built for high performance operation while presenting a clean, ergonomic appearance to complement your work setting. Featuring a 15 inch color monitor, the VISTA-PC simultaneously displays eight of a possible 64 colors. A tilt/rotate base allows comfortable positioning of the processor, while a six-foot coiled cord provides convenient placement of the low-profile keyboard.

Software Development Tools

DATABUS
BASIC Compiler
COBOL
FORTRAN
PASCAL
Screen Management Utility
ISAM
Sort/Merge
DBMS Structure
Font Designer

System Configuration

1201 System:
15 inch color monitor, low-profile keyboard, CPU module with 256K RAM, color graphics module, a disk controller, and one module containing two 5¼ inch 630KB diskettes.

1202 System:
15 inch color monitor, low-profile keyboard, CPU module with 256K RAM, color graphics module, a disk controller, one 5¼ inch 630KB diskette drive, and one 10MB fixed disk.

1204 System:
15 inch color monitor, low-profile keyboard, CPU module with 256K RAM, and color graphics module. Optional module for local disk storage.

PHYSICAL CHARACTERISTICS

Monitor

Height: 15 in (38.1 cm)	Depth: 15 in (38.1 cm)
Width: 14 in (35.56 cm)	Weight: 38 lb (17.2 kg)

Keyboard

Height: 1 in (2.54 cm)	Depth: 8 in (20.32 cm)
Width: 18 in (45.72 cm)	Weight: 5 lb (2.26 kg)

CPU Module

Height: 8 in (20.32 cm)	Depth: 5.75 in (14.60 cm)
Width: 12 in (30.48 cm)	Weight: 12 lb (5.44 kg)

Color Graphics Module

Height: 8 in (20.32 cm)	Depth: 2.5 in (6.35 cm)
Width: 12 in (30.48 cm)	Weight: 5 lb (2.26 kg)

Diskette Module

Height: 8 in (20.32 cm)	Depth: 5.75 in (14.60 cm)
Width: 12 in (30.48 cm)	Weight: 13 lb (5.89 kg)

Disk/Diskette Module

Height: 8 in (20.32 cm)	Depth: 5.75 in (14.60 cm)
Width: 12 in (30.48 cm)	Weight: 15 lb (6.80 kg)

Power Requirements

115 or 230 VAC, 50 or 60 Hz

Environment

50 to 100 degrees F
10 to 38 degrees C
20 to 80 percent relative humidity, noncondensing

MODEL CODES

1201	15 inch color monitor, low-profile keyboard, CPU module with 256K RAM, color graphics module, a disk controller, and one module containing two 630KB 5¼ inch diskette drives.
1202	15 inch color monitor, low-profile keyboard, CPU module with 256K RAM, color graphics module, a disk controller, one 5¼ inch 630KB diskette drive and one 10MB fixed disk.
1204	15 inch color monitor, low-profile keyboard, CPU module with 256K RAM, and a color graphics module.
9656	Color Plotter, 6-pen
1258	160/40 CPS Matrix Printer (80 or 136 column format)
1259	160/40 CPS Matrix Printer (136 or 233 column format)
1261	35 CPS Letter Quality Printer
1240	256K RAM Expansion Cartridge
1230	Dual Diskette Drive with controller
1223	Power Supply for system expansion (10 units)
80859	VISTA-PC Computer Table

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