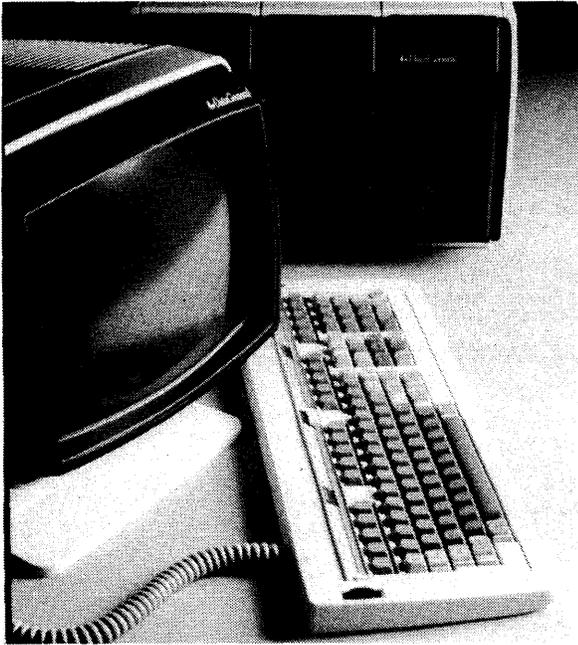


Data General Desktop Generation



A single Desktop Generation system can act as a workstation in any Data General network and provides users with a window in an integrated corporate systems environment. As an independent professional workstation, the Desktop Generation allows users personal processing power.

BACKGROUND INFORMATION

Data General Corporation, 4400 Computer Drive, Westboro, Massachusetts 01580. Telephone (617) 366-8911.

IN CANADA: Data General Corporation, 180 Duncan Mills Road, Suite 606, Don Mills, Ontario, M3B 3K3. Telephone (416) 445-8026.

Founded in 1968, Data General designed and marketed its first small computer—the Nova. Now a Fortune 500 company with over 125,000 computer systems in use, Data General is a major small computer manufacturer. Data General's philosophy is to ensure the compatibility of its products—past, present, and future.

Data General's product line consists of the 16-bit Nova, Eclipse, and MicroNova families, the 32-bit Eclipse MV/family, operating systems, communications, networking, office automation software, and interfaces and protocols for IBM compatibility, as well as an extensive range of services and support. The company's latest offerings include the 16-bit Desktop Generation computers.

SYSTEM CHARACTERISTICS

The Data General 16-bit desktop computers are representative of the Desktop Generation Series. The modular units are designed to snap into place for quick, easy installation. This snap-together modularity provides flexibility in sys-

Current models: 10, 10/SP, 20, 30.

Memory: 128KB-2MB RAM.

Storage capacity: 368KB-736KB diskettes; 15MB-30MB hard disk.

Workstations: multiuser.

Base list price: 10 (Entry Level System)—\$3,165, includes CPU, 128KB RAM, CRT, keyboard, 368.6KB diskette; 10 (Office Automation Personal Computer)—\$5,430, includes CPU, 256KB RAM, CRT, keyboard, 368.6KB diskette, multiplexer, software; 10/SP (CEO Workstation)—\$9,660, includes CPU, 512KB RAM, 368.6KB diskette, 15MB hard disk, multiplexer, monitor; 10/SP (Engineering Workstation)—\$12,760, includes CPU, 768KB RAM, 368.6KB diskette, floating-point processor, 15MB hard disk, monitor, keyboard, mouse, software; 20 (Small Business System)—\$10,640, includes CPU, 256KB RAM, 368.6KB diskette, 15MB hard disk, multiplexer, terminal, printer, software; 20 (CEO Office Automation Cluster)—\$16,160, includes CPU, 1MB RAM, 368.6KB diskette, 15MB hard disk, multiplexer, terminals, printer, CEO; 30 (Technical/Computational System)—\$17,030, includes CPU, 1MB RAM, floating-point processor, terminal, multiplexer, 15MB hard disk, 368.6KB diskette, printer, software.

Typical list prices: same as base list prices.

Popular options: from Data General—memory expansion, hard disks, cartridge tape modules, plotters, displays, I/O devices.

Principal programming languages: Cobol, Pascal, Fortran-77, Basic.

Principal applications software: word processing, database management, communications, accounting, data management, electronic spreadsheet.

First shipment: July 1983.

Number installed to date: information not available.

Available through: Data General sales offices and distributors in the U.S., Canada, and over 50 foreign countries.

tem configuration, expansion capabilities, and maintenance procedures.

The 10 and 10/SP models feature two microprocessors: Data General's microEclipse and the Intel 8086. Both models can execute programs written for Data General operating systems, as well as programs written for CP/M-86 and MS-DOS operating systems. The Model 20 is microEclipse-based and can run Data General's AOS, RDOS, and MP/AOS-SU operating systems. The Model 30 incorporates a floating-point processor which enables the system to perform mathematical calculations.

Data General offers the Dasher series add-on display terminals: D210, D211, D410, and D460. The terminals, available in 12-inch monochrome or 13-inch color, feature tilt capabilities, nonglare, and brightness control. The low profile keyboard contains 107 sculptured keys arranged in four groups to eliminate errors and increase data entry. In addition, the keyboard consists of a screen management keypad used for special editing functions, numeric keypad, and function keypad.

The Desktop Generation computers also feature communications capabilities, several graphics options, and a wide range of add-on peripherals and plug-in cards. The peripherals allow users to expand on-line storage and system

Data General Desktop Generation

▷ memory, enhance communications and graphics capabilities, as well as add I/O capabilities.

Software available for the Desktop Generation computers consists of Data General's Comprehensive Electronic Office (CEO) programs and Data General's EasyFamily applications. Additional offerings include: MultiPlan, spreadsheet; WordStar, word processing; and Condor I, database management.

For further details on this system, see the Data General Desktop Generation report in Datapro Reports on Microcomputers. □

HARDWARE

PROCESSOR/MEMORY

Model: 10, 10/SP—DG microEclipse and Intel 8086 (16-bit, 5M Hz); 20, 30—DG microEclipse

RAM: 128KB-2MB RAM

Processor options: 256KB RAM board w/parity (10/10SP), \$1,050; 512KB RAM board w/parity (10/10SP), \$1,850

DISPLAY

Model: Dasher D210 D211 Dasher D410 D460

Screen size:	12"	13"
Chars./screen:	1920, 80 characters x 24 lines	1920, 80, characters x 24 lines; 3240, 135 characters x 24 lines
Char. type:	96 ASCII (D210) ANSI X.364 (D211)	512 ASCII (D410) ANSI X.364 (D460)
Attributes:	underline, blink, dim, reverse	underline, blink, dim, reverse
Features:	nonglare, tilt, monochrome	nonglare, tilt, color
Graphics:	640 x 240 pixels	810 x 288 pixels
Interface:	integral RS-232-C	integral RS-232-C
Price:	included w/system	included w/system

KEYBOARD

Type: detachable, typewriter-style

No. of keys: 107 total, includes 14-key numeric pad, 20 function keys, 12 screen management keys, and 61 alphanumeric keys

Interface: 2' coiled cable

DIRECT ACCESS STORAGE

Model: Data General Diskette Data General Winchester

Type:	5¼" diskette	5¼" Winchester
Capacity/drive:	368.6KB (formatted)	15MB (formatted)
Drives/system:	up to 2	2
Avg. access time:	up to 249 milliseconds	—
Transfer rate:	250K bps	—
Interface:	diskette controller card	disk controller card
Price:	included w/10, 10/SP	included w/20, 30

PRINTER

Model: Data General Multi-function Dot Matrix Data General Data Processing Dot Matrix Data General Letter-Quality

Type:	dot matrix	dot matrix	letter-quality
Paper:	continuous roll or fan-fold; up to 15"	continuous roll or fan-fold; up to 9"	cutsheets or continuous fanfold; up to 16"

Char. set:	optional	program switch or selectable	optional
Chars./line:	—	—	—
Speed:	160 cps	150 cps	35 cps
Interface:	RS-232-C	serial	RS-232-C
Price:	contact vendor	contact vendor	contact vendor

DATA COMMUNICATIONS: none specified

OTHER I/O

Plotter: dual pen color plotter, \$1,515

Magnetic tape: cartridge tape module, \$3,395

I/O ELECTRONICS

Structure: microEclipse I/O bus architecture

SOFTWARE

LANGUAGES

Basic: Basic, bundled with 20

Fortran: Fortran-77, bundled with 10/SP, 30

Other: Cobol; Pascal

OPERATING SYSTEM

Name: 10—MP/AOS-SU, bundled; RDOS, bundled; CP/M-86, bundled; MS-DOS, bundled; 10/SP—ADS, bundled; MP/AOS-SU, bundled; RDOS, bundled; CP/M-86, bundled; MD-DOS, bundled; 20, 30—AOS, bundled; MP/AOS-SU, bundled; RDOS, bundled

UTILITIES

Sort: SortMerge (10/SP, 20, 30), bundled; SortMerge w/report writer (30), bundled; CSSORT, bundled

DATA/DATABASE MANAGEMENT SYSTEMS

Name: Condor I, bundled

COMMUNICATIONS SUPPORT

Name: XAP, DG/GATE, Terminal Emulation, RJE80, X.25 Async, XODIAC

Functions: provides network protocols and management software, generates systems and/or Data General host minis, emulates IBM terminal, and transfers batch jobs to Data General or IBM 360/370-compatible host

Name: GPIB, XAP, DG/GATE, Terminal Emulation, RJE80

Functions: controls the IEEE-488 bus interface w/subroutines, transfers files, accesses public data networks, emulates Dasher series terminals, and transfers batch jobs

Name: GPIB, MP/RJE80

Functions: controls IEEE-488 bus interface, and transfers batch jobs

APPLICATIONS PROGRAMS

Accounting: EasyBusiness

Data Management: EasyFiler

Electronic Spreadsheet: Multiplan; EasyPlanner

Word Processing: EasySpeller; EasyWriter; EasyWriter II; WordStar, bundled

SUPPORT SERVICES

DOCUMENTATION

Range: available, contact dealer for pricing

SUPPORT

Training & education: Data General offers self-study, training center, or on-site courses

Maintenance: Data General offers 7 service options

TERMS AND CONDITIONS

Warranties: a choice of 8 standard and extended warranties

Software terms: software subscription service; customer support telephone helpline ■