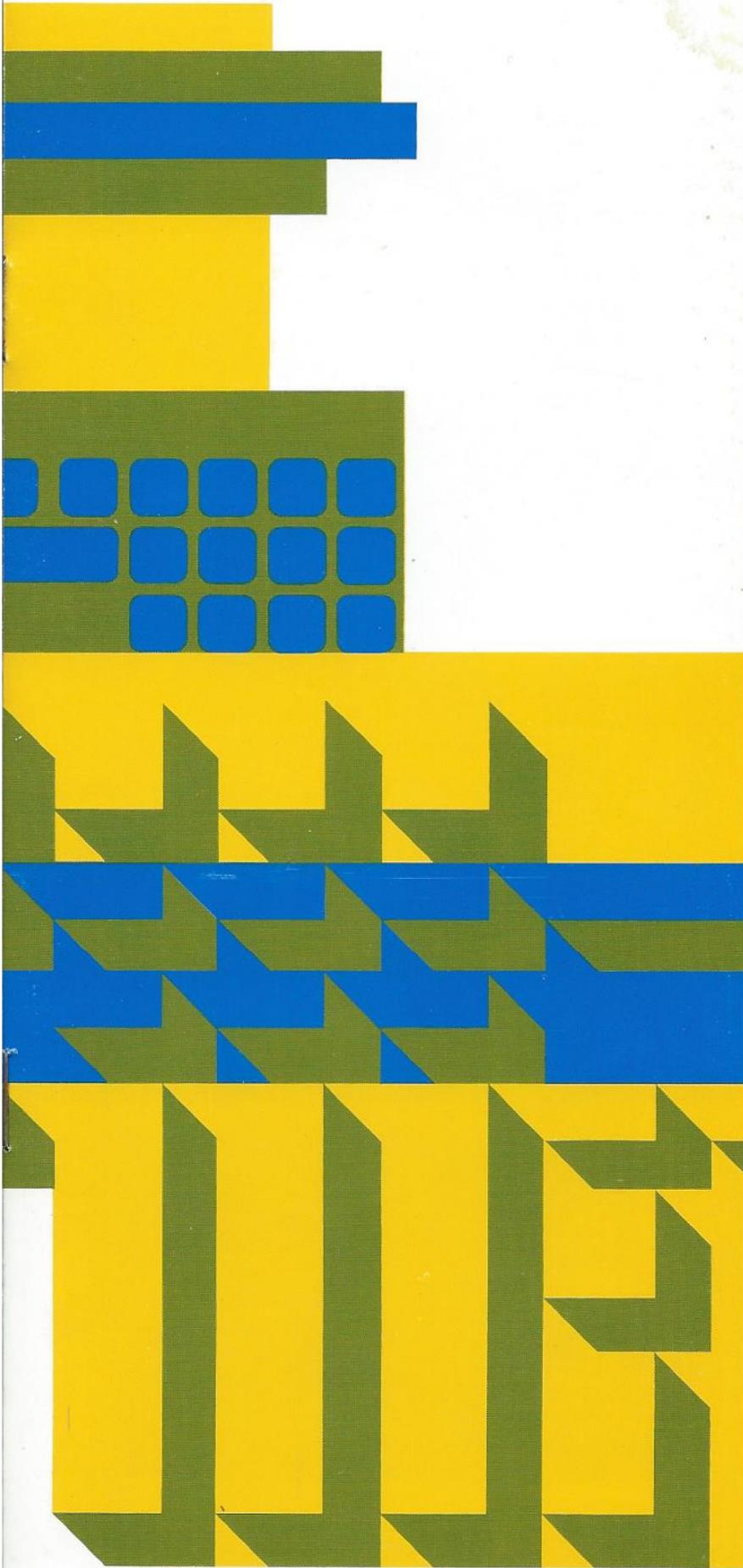


Intelligent Terminals

Ontel



Ontel Corporation offers user-programmable intelligent CRT display terminals with flexibility, versatility and adaptability unequalled in their price range.

Up to three microprocessors: Display, Central Processor Unit and I/O microprocessor and up to 64K of memory may be incorporated in the modular desk top enclosure structure of these unique OP-1 terminals.

A large selection of interfaces is currently available:

Bulk Storage Controllers such as Diskettes, Hard Disk and IBM compatible tape drives.

Communications controllers such as bisynchronous, asynchronous, or synchronous, provide for communication with a mainframe computer.

Printer controllers such as Matrix printers or fully formed character printers.

High speed communication, large I/O volume, word processing with large data are ideal environments for the OP-1 series.

Display features include: Four versions . . . Soft characters up to 256 characters per set . . . Attributes blink, blank, reverse, full or half intensity, bold . . . 14" CRT, non-glare screen . . . 80/24 lines of characters . . . and 13 x 9 dot matrix.

Keyboard features include: Four pads—ASCII, Function, Numeric and Control . . . Soft keyboard . . . Four lighted keys.



Comparison Chart

Ontel OP-1 Series

Memory	OP1/64		OP1/16		OP1/8	OP1/R
Maximum Memory	64K	64K	16K	16K	8K	32K
RAM/ROM/PROM/EPROM	•	•	•	•	•	•
Central Processor Unit						
Cycle Time	2 μ sec	2 μ sec	2 μ sec or 12.5 μ sec	2 μ sec or 12.5 μ sec	2 μ sec or 12.5 μ sec	1.4 μ sec
Display						
Character Set	112/128/256	64U	112/128/256	64U	64U	128U/L
Characters-per-line	80/132/160	80	80/132/160	80	80	80
Lines-per-display	24	6/12/24	24	6/12/24	6/12/24	24
Fast Screen Erase	•		•			•
Fast Display Wraparound	•		•			•
Visual Enhancement	•	•	•	•	•	•
Keyboard						
ASCII Pad	•	•	•	•	•	•
Control Pad	•	•	•	•	•	•
Numeric Pad	•	•	•	•	Opt	•
Function Pad	•	•	•	•	Opt	•
Illuminated Keys	•	•	•	•	Opt	•
Input/Output						
I/O Microprocessor	•	•	Opt	•	•	
Asynchronous Adapter	•	•	•	•	•	•
Maximum Device Controllers	4	3	4	3	3	1
Special Features						
Data Switches	2	2	2	2	Opt 1	Opt
Beeper	•	•	•	•	Opt	Opt
Click	•	•	With 2 μ sec CPU			•
Real Time Clock	•	•	With 2 μ sec CPU			•
• Standard equipment						
Electrical Characteristics	120 Volts AC, 60 Hz, 220 Volts AC, 50 Hz, 170 Watts					
Physical Dimensions	Height 16.6" Width 22.5" Depth 24.5" Weight 68.0 lbs.					

Software

Operating Systems: Hard Disk Operating System (HDOS/80) and diskette based operating system (DOS/80) are provided... File structure with dynamic space allocation . . . Device independent I/O support system . . . device drivers for Hard Disk, diskettes, Centronics or Diablo-type printers are included.

Word processing: a complete word processing program with diskette file management and Diablo printer capabilities.

Communication and terminal emulation programs permit users to replace standard hardware based devices with exact, stored based emulators. These programs are designed to provide additional capabilities over standard equipment features through software and hardware. Available programs include: Burroughs emulators . . . various teletype compatible terminal emulators and IBM 2780/3780 protocol.

Intelligent data entry: A software package that allows users and operators to generate formats with field attributes for intelligent data entry and retrieval.

High level language: OP/L is a high level, English-like, business-oriented language, specifically designed to take full advantage of the unique OP-1 architecture. Included in OP/L are features like ONMFT—a multi tasking operating system . . . ISAM—an index sequential file manager . . . and a SORT facility.

Diagnostic programs are provided. A complete set of programs aid operators in isolating and locating hardware difficulties to a board level.

Reply Card

Tear Off Here ►

Note: This brochure is only a brief summary of Ontel OP-1 intelligent terminal systems. For complete information, please return this card.

Name _____

Title _____

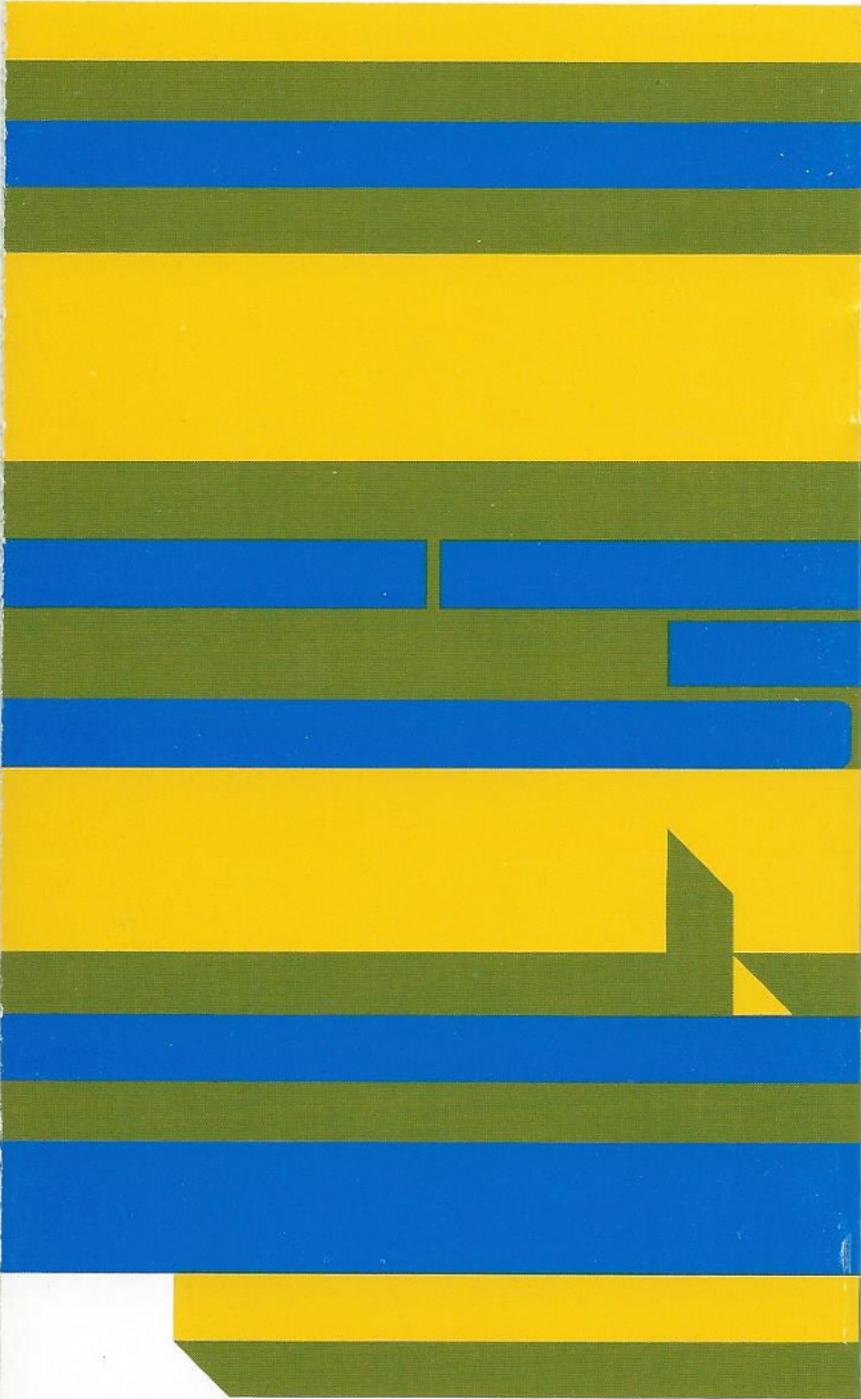
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