



From inception, the LANstation I was designed specifically to be the ultimate LAN workstation for the office computing environment. All disk drives have been removed to aid in the reduction of noise and to improve security and control. Elimination of the large, heavy, heat producing and potentially hazardous CRT display has allowed major size reduction in the system. An advanced technology, virtually flat (1.7" deep), solid state display replaces the CRT. The EL display is visually superior, providing the sharpest, most readable display available. A reduced size, full function keyboard is also provided to further reduce the physical intrusion of the system in the workplace. Full 80286 AT compatibility and advanced CMOS technology have been coupled to offer proven reliability and compatibility. The combination of these advanced design concepts has enabled Emerald to develop the most revolutionary, highly integrated LAN workstation available.

The COMPLETE Diskless LAN Workstation



Video Monitor

Perhaps the most unique feature of the LANstation I is the built-in high resolution, monochrome Enhanced Graphic Adapter (EGA) and flat display monitor. The Electroluminescent (EL) display is bright and sharp to view while reducing the overall size of the display and the total workstation to a mere fraction of any CRT based system. The entire video function is built-in, requiring no expansion slots for add-in cards.

Memory

The system comes with 2 Megabytes of high speed RAM memory. The system memory operates with zero wait-states at all processor speeds. Since the LANstation I comes fully configured, there is no requirement for additional add-in cards for memory expansion.

ROM Disk

A unique feature of the LANstation I is its "credit card" sized ROM memory card. The memory card supports additional Read Only Memory (ROM) which will allow the user to provide personality or special function capabilities to the LANstation I. Should the chosen network require booting from a disk, up to 1 Megabyte of ROM can be programmed with the software. Terminal emulation software can, likewise, be loaded through the ROM card. The device can even be programmed as a security "key", preventing unauthorized access into the network.

Keyboard

In keeping with the downsized yet full function aspect of the LANstation I, even the keyboard size has been reduced. Though

much smaller physically than standard keyboards, the reduced size keyboard is still full function and full featured. LED indicators, numeric keypad and function keys are, of course, provided.

Expansion

The LANstation I contains one full size, industry standard AT compatible buss slot. It is specifically provided for the installation of the LAN networking card of choice. The LANstation I is not limited to one manufacturer of LAN cards nor to a half card format as most diskless workstations. The expansion slot could also be used for terminal emulation cards.

Standard Interfaces

The LANstation I is complete, provided with two standard 9 pin

serial ports and one high speed parallel port. All connections to a printer, mouse, or any other device are available with no expansion necessary.

Warranty

Emerald Computers, Inc. engineers, manufactures and supports all products in the United States. All workstations are carefully designed, built and tested to exacting specifications before they ship from our factory. Backing up our product is a full one year warranty. Emerald takes the concerns of its customers one step further. **Emerald guarantees a 48 hour repair or replace policy during the warranty period.** We will either fix it or replace it, but it will be back to the customer in 48 hours or less.



LANstation I

S P E C I F I C A T I O N S

Power Requirements

Voltage: 115/230 VAC
Frequency: 50/60 Hz
Outlet: 3 prong (IEC 320)

System Unit

Processor: Intel 80286 or equivalent
Clock Speed: 8 MHz / 10 MHz / 12 MHz / 16 MHz (Specify at time of order)
Expansion Slot: 1 1/2 bit (Full Size)
Memory: Standard - 2 MB, No Wait State
Expansion - Up to 1 MB
ROM-disk

Real-Time Clock: Standard AT

Bus Speed: 6 or 8 MHz
Display: Monochrome 640x350 EGA
Compatible Electroluminescent Display

Standard Interfaces

Parallel Ports: 1
Serial Ports: 2

Physical Dimensions

System Unit:
Width: 14.5 in.
Depth: 5.75 in.
Height: 9.75 in.
Footprint: 18.00 sq. in.

Keyboard:

Custom 85-key
Width: 14.5 in.
Depth: 5.5 in.
Height: 1.83 in.

Weight:

System Unit: 9.0 lbs.
Keyboard: 1.0 lbs.

Environmental Requirements (operating)

Temperature: 40°F to 120°F
Relative Humidity: 20% to 80%
Noncondensing

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Computing devices will be available for sale after FCC certification.

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To Order, CALL
800-321-5711



EMERALD

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FAX (503) 639-7932



LANstation I

Revolutionary Diskless LAN Workstation

The LANstation I is a new ultra-small, full function diskless LAN workstation. Its revolutionary design removes both the disk drives and the CRT from the workstation. This creates an incredibly small system footprint which is a mere fraction of the so-called "small footprint" workstations, let alone that of a conventional personal computer.

Emerald Computers, Inc.

DEALER PRICE LIST

PRODUCT	Suggested U.S. List	Yearly Commitment				
		Below \$99,000	\$100k- \$249k	\$250k- \$499k	\$500k+	
LANstation I – 12 MHz 286						
512K	\$2,095	1,844	1,739	1,634	1,529	
1MB	\$2,195	1,932	1,822	1,712	1,602	
2MB	\$2,395	2,108	1,988	1,868	1,748	
4MB	\$2,995	2,636	2,486	2,336	2,186	
LANstation I – 16 MHz 286						
512K	\$2,295	2,020	1,905	1,790	1,675	
1MB	\$2,395	2,108	1,988	1,868	1,748	
2MB	\$2,595	2,284	2,154	2,024	1,894	
4MB	\$3,195	2,812	2,652	2,492	2,332	

HOW TO ORDER

Emerald offers easy and fast service through our direct sales lines. To place an order, please call us toll-free at (800) 321-5711 anytime Monday through Friday, 6 A.M. to 5 P.M. Pacific Time Zone.

WARRANTY

Backing up our product is a full one year warranty, Emerald takes the concerns of our customers one step further. Emerald guarantees 48 hour repair or replacement during the warranty period. We will either fix or replace it, and have it back to your customer's desk in 48 hours or less.

TERMS

Advance payments or C.O.D. payments are expected to be in cash or cashier's check. On approved credit, company checks will be accepted. To qualify for terms, strong financial stability and a history of prompt payments must be proven.

INTERNATIONAL

All payments are by wire transfer to our bank. All payments must be received prior to shipment. Irrevocable, tested letters of credit will be accepted on orders in excess of U.S. \$50,000.00.



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Prices Effective 8/89

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