

# VX1



## VEHICLE-MOUNT COMPUTERS

Available in a low temp version - perfect for freezer & cold chain applications.

Super-bright electroluminescent indoor/outdoor display for crystal clear viewing in any light.

Internal & external rubber isolators - absorb shock and vibration and improve reliability.



Key electrical components soldered and glued to printed circuit board - better withstands drops and shocks.

Fully ruggedized keyboard with large high visibility backlit keys for gloved-hand operation.

Fewer boards & connections than competitors - fewer opportunities for failure.

## LXE is RUGGED RELIABLE MOBILE COMPUTERS.

### Rugged, reliable, industrial ergonomics

The VX1 is LXE's toughest and most popular DOS based rugged vehicle-mount computer. It's designed to thrive in the most demanding operating conditions including severe vibration, heat, cold, dust, dirt or rain.

### Work horse, industry-standard platform

The VX1's industry-standard Intel® processor provides all the processing speed you'll need while the ROM-DOS™ operating system supports your standard DOS applications.

The unit supports a wide variety of radios for high-speed wireless communications, and numerous terminal emulation standards for easy integration with most Warehouse Management System applications.



# VX1

## Technical Specifications



### Processing & Memory

- Intel® 486 SX ULP
- 4MB RAM®
- 8MB Flash
- IBM PC-AT & DOS compatible

### Operating Systems & Emulations

- ROM-DOS™ 6.22
- Phoenix PicoBIOS®
- Emulations:  
VT220, LDS, 3270, 5250, TN3270, TN5250
- Multi-Host dual TE's supported

### Keyboard

- Full 101 key support
- Backlighting for added visibility
- Coated for resistance to chemicals & abrasion
- Rugged integrated keyboard options:  
QWERTY keyboard format  
ABCD keyboard format  
IBM specific overlays (QWERTY only)

### Display

- Super-bright electroluminescent (EL)
- 9" 640 X 200 Pixels

### Power Supply & Management

- 10 - 80 VDC internal power supply with power cable for vehicle attachment
- 120 - 240 AC power adapter
- Fully configurable power management

### Interfaces

- (2) RS-232 (DA-9) serial ports with power for external devices
- Beeper w/ adjustable volume control

### Expansion

- (1) PCMCIA V.2.1 slot Type I, II, III

### Radio Card Support-PCMCIA

- 2.4GHz 802.11b radios  
Cisco® Aironet™  
Agere® Orinoco™  
Other radios also supported upon request
- LXE 902-928MHz radios
- Optimized external omni-directional antenna

### Enclosure

- Size:  
9" x 12" x 3.25"  
(22.9cm x 30.5cm x 8.3cm)
- Weight:  
5.0 lbs (2.268 kg)
- High Impact polycarbonate/ABS plastic and aluminum casting
- Ships with a vibration isolated steel vehicle mounting bracket system

### Environmental

- Operating temperature range:  
Standard temperature  
-4°F (-20°C) to 122°F (50°C)  
Extended temperature - heater  
-22°F (-30°C) to 122°F (50°C)  
Storage temperature range  
-22°F (-30°C) to 158°F (70°C)
- Humidity  
5% to 95% RH non-condensing at  
104°F (40°C)
- Dust & water protection enclosure rating  
IEC 529 compliant to IP66
- Shock and vibration testing exceeds  
MIL STD 810F, Figure 514.5C-3

### Approvals

- Emissions (EMI)  
FCC Part 15 Subpart B, Class A  
Industry Canada ICES-003 Class A  
EN 55022:1998, (CISPR 22:1997) Class A
- Immunity (EMC)  
EN 55024:1998
- Safety  
UL 1950, CSA C22.2 No. 950, EN 60950,  
IEC 950

- Radios separately approved to  
FCC Part 15, Subpart C  
Industry Canada RSS 102, RSS 139,  
and/or 210
- R&TTE Directive: EN 300 328, EN 300 826,  
EN 60950

### Accessories

- Remote antenna assembly kit
- Vehicle mounting adapter for replacement of legacy LXE computers
- External power filter
- 120 - 240VAC power supply
- Integrated keyboard mounting brackets
- Remote keyboard mounting brackets
- Wireless scanners
- Shielded printer and PC cables
- Tethered printers
- Tethered scanners (1-D and 2-D PDF-417)

