

VX4

Vehicle-Mount Computer



Full size PC functionality

The VX4 is a full-screen, color, Windows® based, including Windows® CE .NET, vehicle-mount computer with an Intel® Pentium or Celeron™ processor. The VX4 has the power to support multiple applications, including those accessed through a web browser, for improved information flow across the supply chain. And, the VX4 supports a wide variety of radios for high-speed wireless data communications.



Now available with  Microsoft Windows CE.net

Rugged, reliable, and simple to operate

The VX4 vehicle-mount computer is designed to operate in the harshest environments including extended temperature ranges (-22°F to 122°F). Its high impact black polycarbonate/ABS plastics and aluminum casting ensure rugged reliability.

The VX4 comes with a full sized high-bright SVGA color, touchscreen display for **enhanced viewing** and **simplified data entry**. And, the optional LXE rugged QWERTY keyboard has large, ruggedized, backlit keys for **increased visibility** and **gloved hand operation**.

Terminal emulation options for increased ROI

LXE has added terminal emulation support to the VX4 vehicle-mount computer to allow a seamless migration from TE applications to Windows® and Windows® CE .NET based GUI or browser based applications without buying new hardware. The VX4 also supports dual hard drives and mixed DOS and Windows® environments, allowing you to continue using existing applications and to add to your applications in the future.

And as always, the VX4 vehicle mount computer is supported by LXE's award winning Customer Support team, winners of the Mobile Star Award™ for "best customer satisfaction" in mobile hardware.

VX4 Vehicle-Mounted Computer

TECHNICAL SPECIFICATIONS

Processing & Memory

Intel® Mobile Pentium® MMX 266MHz
Intel® Celeron® III 400MHz
64MB, 128MB, or 256MB SDRAM
4MB Video Memory

System Software

ROM-DOS™ 6.22
Windows® 98 Second Edition
Windows® 2000 Professional
Windows® XP Professional
Windows® CE.net 4.2
Windows® Barcode Wedge Utility
CE SDK API's

Optional Software

Terminal Emulations
VT220, TN5250, TN3270, LDS
Multi-Host Dual TE's supported

Keyboard

LXE QWERTY Keyboards
Full 101 key support
Options
External Backlit Rugged Keyboard
External Standard Keyboard
Integrated Keyboard Mounting Bracket
Remote Keyboard Mounting Bracket
IBM specific overlays

Display & Touch Screen

10.4" TFT Active Matrix Color Display
SVGA - 800 x 600 pixels
VGA - 640 x 480 (Configurable)
350 NIT Brightness
120° viewing angle
High Resolution Resistive Touch Screen

Power Supply & Management

10-60VDC Internal Power Supply with
power cable for vehicle attachment
60-80VDC or 120-240VAC available
Fully Configurable Active Power Mgmt

Interfaces

(2) RS-232 Ports (DA-9) with power for
external devices
(1) USB Port -not supported in DOS
(1) PS/2 Keyboard Port

(1) Audio / Microphone Jack supports
external speaker sound system
(1) Internal Speaker / Beeper capable of
volumes in excess of 90dB
Optional ethernet 100BaseTX, 10Base-T10
or 100 MHz with auto detection.
RJ45 connector.

Expansion

(2) PCMCIA V2.1 slots (2) Type II or (1) Type
III
(1) ATA PCMCIA/Compact Flash slot
(1) IDE drive interface connector for
internal shock mounted drive
Bluetooth tested

Hard Drives

Standard Temperature
40GB IDE Internal Rotating Drive
*Internal vibration isolation
16MB, 64MB, 1GB, 2GB ATA Solid State
Flash
Extended Temperature
16MB, 64MB, 512MB, 1GB, 2GB ATA
Solid State Flash

Radio Card Support - PCMCIA

2.4 GHz 802.11b radios
Optimized External Omni-Directional
Antenna

Enclosure

High Impact polycarbonate/ABS plastic and
aluminum casting
Size: 9.0" x 12.0" x 3.9"
(22.9cm x 30.5cm x 9.9cm)
Weight: 7.80lbs (3.538 kg)
Each VX4 computer ships with a vibration
isolated steel vehicle mounting bracket
system.

Environmental

Operating Temperature Range
Standard Temp
0°C (32°F) to 45°C (113°F)
Extended Temp
Startup
-20°C (-4°F) to 50°C (122°F)
Operating
-30°C (-22°F) to 50°C (122°F)

Storage Temperature Range

Standard Temp
-10°C (14°F) to 70°C (158°F)
Extended Temp
-25°C (-13°F) to 70°C (158°F)
Humidity: 5% to 95% RH non-condensing
Dust and Water Protection Enclosure Rating
Compliant to IEC 60529 IP 66
Shock and Vibration Testing Exceeds
MIL STD 810F

Approvals

Emissions (EMI)
FCC Part 15 Subpart B, Class A
Industry Canada ICES-003 Class A
EN 55022, Class A (CISPR22), AS/NZ
3548
Immunity (EMC): EN 55024:1998
Safety
UL 60950, CSA C22.2 No. 60950, EN
60950, IEC 60950
Radios separately approved to:
FCC Part 15, Subpart C
Industry Canada RSS 210, RSS 102
RSS 139 and/or 210
R&TTE Directive: EN 300 328,
EN 300 826, EN 60950

Accessories

Remote Antenna Kit
Tethered Scanners (1D and 2D PDF-417)
Tethered Printers
Wireless Scanners
PCMCIA and CF memory cards
USB conversion cable
Shielded Printer and PC cables
Tethered Stylus Kit
Audio Headset with Microphone
Vehicle mounting adapter for replacement of
legacy LXE computers
60-80VDC External isolated power supply
120-240VAC power supply
Power Filter
UPS back-up battery



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