

VX7



Voice ready with ToughTalk™ technology

High-visibility color display with touch screen. Heated screen eliminates condensation, fog and ice build-up.

Front-panel brightness control.

Sealed against water and dust (IP66).

Screen blanking safety feature

On-board Ethernet for fast-wired software maintenance.

'Built-in' customer support with LXE's ServicePASS™ program.

Dual front-mounted speakers provide audible feedback in the noisiest locations.



VEHICLE-MOUNT COMPUTERS

Integrates Wi-Fi™ compliant/802.11b wireless technology.

12V - 80V internal power supply.

Supports LXE's RFTerm® multi-session terminal emulator.

Waterproof "laptop style" backlit keyboard option with integrated mouse and dual-color backlit keys for increased visibility and gloved hand operation.

LXE is RUGGED MOBILE COMPUTERS AND SECURE WIRELESS NETWORKS.

Flexible features for improved performance

The VX7 is a full-screen Vehicle-Mount Computer running the Intel® XScale® processor and Microsoft® Windows® CE .NET operating system. Now you can easily run CE .NET applications on both your handheld and your vehicle-mount computers, greatly reducing user training time and support costs.

Future-proofed for a greater ROI

The CE .NET architecture provides a greater ROI by enabling you to easily adopt future emerging technologies and applications. The VX7 supports LXE's RFTerm® multi-session terminal emulator, so you can simply and cost-effectively run legacy terminal emulation applications. When the time is right to migrate your application to a Windows GUI or browser based design, there is no new hardware to buy.



www.lxe.com

VX7

Technical Specifications



Processing & Memory

- Intel® XScale® PXA255 400MHz CPU
- 64MB or 128MB SDRAM
- 64MB or 128MB Compact Flash

System Software

- Windows® CE .NET 4.2

Optional Software

- RFTerm® Windows® Terminal Emulations VT220, TN5250, TN3270
- SDK API's
- Personal JAVA 1.2 JVM
- Browser for voice recognition

External Keyboard

- LXE rugged 95-key "Laptop Style" keyboard with integrated 2-button mouse
Features include: 101 key access, dual color backlight, with brightness adjust, IP66 seal
- LXE rugged 60-key "Legacy" keyboard
Features include: 101 key access, backlight, epoxy coating, IP66 seal and terminal emulation specific overlays

Display & Touch Screen

- 12.1" TFT Active Matrix Color indoor & outdoor displays with resistive touch screens and tethered stylus
SVGA - 800 x 600 pixels
550 NIT Brightness (outdoor display)
350 NIT Brightness (indoor display)
- Front panel brightness adjust
- Optional touch screen heater removes fog or frost from the viewing area
- Screen blanking safety feature

Power Supply & UPS

- 12-80VDC internal fully isolated power supply with power cable for vehicle attachment
- Externally accessible fuse
- Front panel power switch with power status dual color LED
- Optional UPS lead acid backup battery pack capable of a minimum 15 minutes operation

Interfaces

- (2) RS-232 Ports (D9) with switchable power for tethered devices like scanners
- (1) Combo USB Host / USB Client / Ethernet Port (10/100Mb)
- (1) 2.5mm Audio / Microphone jack supports external speakers or headset
- (2) Internal speakers capable of volumes in excess of 95dB
- (1) Dual PS/2 Keyboard / Mouse Port

Expansion

- Expansion device access is via top mounted user access panel
- (2) Type I/II PCMCIA slots
- (1) SD Memory slot

Radio Card Support - PCMCIA

- 2.4GHz 802.11b radios
- Single or dual diversity external Omni-directional antennas (remote mount antenna kits available)

Enclosure

- Black high strength, high temp industrial plastic with an aluminum mounting plate
- Size: 9.6" x 12.2" x 3.6"
24.4cm x 30.9cm x 9.1cm
- Weight
9.4 lbs (4.26kg)

Environmental

- Operating temperature range
Standard temp unit
-20°C (-4°F) to 50°C (122°F)
Freezer unit with heater
-30°C (-22°F) to 50°C (122°F)
Storage temperature range
-30°C (-22°F) to 60°C (140°F)
- Humidity
100% RH condensing (heated unit only)
Heated units have conformally coated electronics
- Dust and water protection enclosure rating compliant to IEC 60529 IP66
- 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

Vehicle-Mounting

- Mounting Options
RAM® Mount Arm System
U-Bracket Mount
U-Bracket Adapter kit to use with existing LXE U-Bracket

Accessories

- Remote antenna kits (6' & 8')
- Tethered scanners (1D and 2D PDF-417)
- Tethered area imagers
- Wireless scanners
- PCMCIA and CF memory cards
- USB/Ethernet conversion cable
- Shielded printer and PC data cables
- Tethered stylus replacement kits
- Keyboard mounting brackets (3 options)
- Keyboard adapter cable for non-LXE keyboards
- UPS lead acid backup battery pack
- UPS battery 6' extension cable
- AC/DC Power Supply for wall mount applications



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