

# VX7 Rugged Vehicle-Mount Computer



## VEHICLE-MOUNT COMPUTERS



Available with a heated touch screen display option - perfect for freezer & cold chain applications.

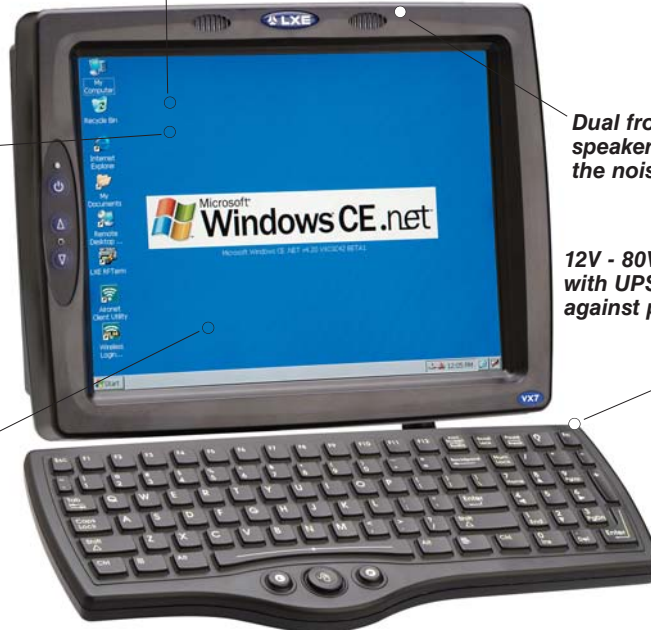
Voice enabled with ToughTalk™ technology for your voice-directed logistics applications.

High visibility indoor/outdoor color display options with touch screen - provide excellent visibility in every lighting condition.

High performance 802.11b/g radio for mobile connectivity to your enterprise network.

Screen blanking safety feature.

On-Board Ethernet - for fast wired software maintenance.



Dual front mounted speakers are audible in the noisiest locations.

12V - 80V internal power supply with UPS backup battery. Protects against power loss and reboot delays.

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

## LXE is\_RUGGED RELIABLE MOBILE COMPUTERS.

### Flexible features for improved performance

The VX7 is a full screen version of the popular LXE VX6 computer. It includes an XScale® processor and Windows® CE .NET operating system so you can easily run CE .NET applications on both your handheld and vehicle-mounted computers, greatly reducing user training time & support costs.

The VX7 ships voice ready with ToughTalk technology, a specialized combination of LXE's trademark rugged system design, advanced audio circuitry and noise canceling techniques - for industrial-grade, voice logistics applications.

### Future proofed for a greater ROI

The CE .NET architecture will enable you to easily adopt future emerging technologies and applications, and the VX7 supports LXE's RFTerm® multi-session terminal emulator, so you can easily run legacy terminal emulation applications now and Windows GUI or browser based applications in the future.

And the VX7 is supported by LXE's award winning support team, winners of the Mobile Star Award™ for best customer service five years in a row.



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# VX7

## Technical Specifications



### Processing & Memory

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

### System Software

- Windows® CE 5.0 Professional
- Windows® CE .NET 4.2

### Optional Software

- RFTerm® Windows Terminal Emulations VT220, TN5250, TN3270
- SDK API's
- Personal JAVA 1.2 JVM
- VoxBrowser™ for voice recognition
- Wavelink Avalanche™ and LXE eXpress Config compatible

### 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
- Bluetooth (future)

### 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/g radios
- Single or dual diversity external Omni-directional antennas (remote mount antenna kits available)
- WPA or WPA2 security
- Cisco® CCXv3 certified

### 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
- RoHS compliant version available

### 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

