VX7 Rugged Vehicle-Mount Computer

VOICE READY

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

Screen blanking safety feature.

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

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

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

On-Board Ethernet - for fast wired software maintenance.

Dual front mounted speakers are audible in the noisiest locations.

CISCO™ Compatible

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 MOBILE COMPUTERS.

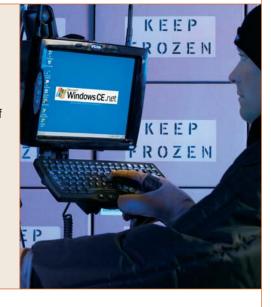### Flexible features for improved performance

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 ready 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 six years in a row.

LXE®

VX7
Technical Specifications

Processing & Memory
- Intel® XScale® PXA255 400MHz CPU
- 128MB SDRAM
- 512MB 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
- 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" (307mm) 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 / Optional 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®

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
- 2.4/5GHz 802.11a/b/g radios
- Single or dual diversity external omni-directional antennas (remote mount antenna kits available)
- WPA or WPA2 security
- Cisco® CCXv4 certified

Enclosure
- Black high strength, high temp industrial plastic with an aluminum mounting plate
- Size: 9.6" x 12.2" x 3.6"
  244mm x 309mm x 91mm
- Weight:
  9.4 lbs (4.26kg)

Environmental
- Operating temperature range:
  - Standard temp unit
    -4°F (-20°C) to 122°F (50°C)
  - Freezer unit with heater
    -22°F (-30°C) to 122°F (50°C)
  - Storage temperature range
    -22°F (-30°C) to 140°F (60°C)
- 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' (1.83M) & 8' (2.44M)]
- 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' (1.83M) extension cable
- AC/DC Power Supply for wall mount applications