

# VX7

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

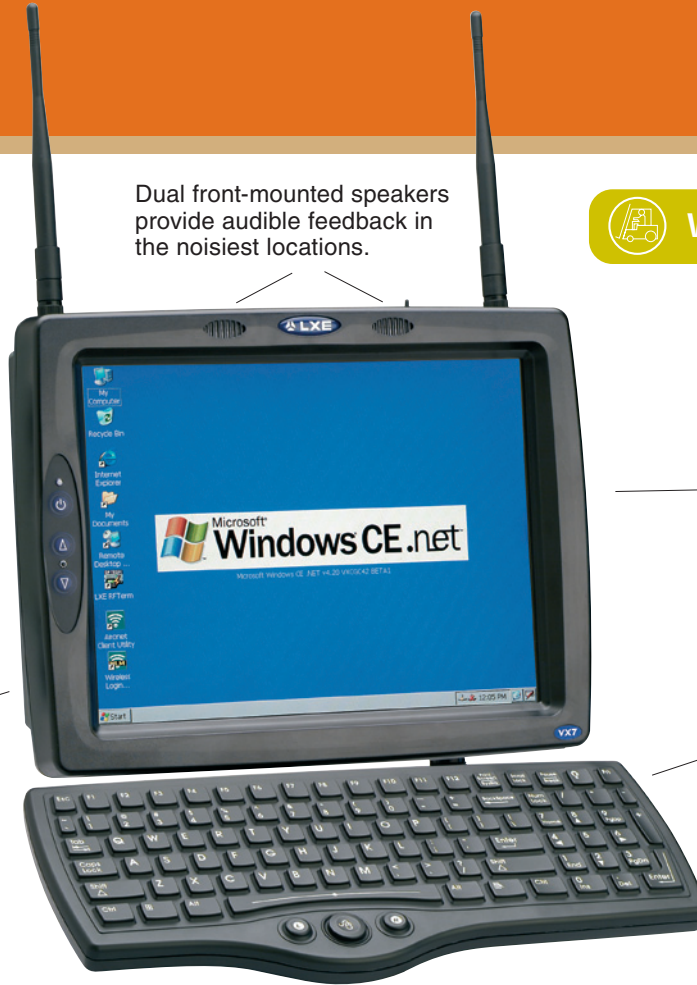
High-visibility color display with touch screen. Heated screen eliminates condensation, fog and ice build-up.

Front-panel brightness control.

Sealed against water and dust (IP66).

On-board Ethernet for fast-wired software maintenance.

'Built-in' customer support with LXE's ServicePASS<sup>SM</sup> program.



## 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](http://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 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

### 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

### 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 tested
- ### 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 802.11a/b/g
- 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



#### LXE Inc.

125 Technology Parkway – Norcross - Georgia 30092 – USA  
Tel. +1-770-447 4224 – Fax +1-770-447 4405  
E-mail info@lxe.com

#### LXE International

Generaal de Wittelaan 19-14 – 2800 Mechelen – Belgium  
Tel. +32-15-29 28 20 – Fax +32-15-20 71 54  
E-mail RF4U@lxe.be

LXE Belgium +32-15 29 28 20 – info@lxe.be • LXE U.K. +44-1494 46 46 80 – info@lxe.co.uk • LXE Netherlands +31-346 21 70 70 – info@lxe.nl • LXE Italy +39-06 91 80 14 82 info@lxe.it • LXE France +33-1 41 47 99 99 – info@lxe.fr • LXE Germany +49-2461 690 450 – info@lxe.de • LXE Sweden +46-8 544 445 50 – info@lxe.se  
LXE Australia +61-2 9666 57 51 – info@lxe.com.au • LXE Middle East +971-4 881 3070 – info.middle-east@lxe.be • LXE Singapore +65-6836 9962 – info@lxe.com.sg

Published by LXE International. Specifications are subject to change without notice. All names, products and services mentioned are trademarks of their respective organisations.