

VX7

LXE | TRUX | Vehicle Mount Computers



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.

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.



DISPLAY

High-visibility colour display with touch screen.

KEYBOARD

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

DESIGNED FOR COLD STORES

Heated screen eliminates condensation, fog and ice build-up. Sealed against water and dust (IP66).



IP 66



-30°C



VOICE READY



PLATFORM

Processing & Memory

- Intel® XScale® PXA255 400MHz CPU
- CF/SD 128/512 MB

System Software

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

Enclosure

- Black high strength, high temp industrial plastic with an aluminum mounting plate
- Size: 24.4cm x 30.9cm x 9.1cm
- Weight: 4.26kg

External Keyboard

- LXE rugged 95-key "Laptop Style" keyboard with integrated 2-button mouse
Features include: 101 key access, dual colour 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 & Touchscreen

- 12.1" TFT Active Matrix Colour 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 colour LED
- Optional UPS lead acid backup battery pack capable of a minimum 15 minutes operation

CONNECTIVITY

Optional Software

- RFTerm® Windows® Terminal Emulations (VT220, TN5250, TN3270)
- SDK APIs
- Personal JAVA 1.2 JVM

Interfaces

- (2) RS-232 Ports (D9) with switchable power for tethered devices like scanners
- (1) Combo USB Host / USB Client / Ethernet Port (10/100Mb) (optional)
- (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

- 802.11b/g (2.4GHz)
- 802.11a/b/g (2.4GHz & 5GHz)
- 802.11b/g (2.4GHz) + Bluetooth CF card
- Single or dual diversity external Omni-directional antennas (remote mount antenna kits available)

RUGGEDNESS

Environmental

- Operating temperature range
Standard temp unit
-20°C to 50°C
Freezer unit with heater
-30°C to 50°C
Storage temperature range
-30°C to 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

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 PDF417)
- 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

Download accessory catalogue at www.lxe.com



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