VX7

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

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

Front panel brightness control, for simple & fast brightness modifications as operators move between changing lighting conditions.

On-Board Ethernet - for fast wired software maintenance.

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

Dual front mounted speakers - loud feedback 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 & gloved-hand operation.

LXE is_RUGGED RELIABLE MOBILE COMPUTERS.

Flexible features for improved performance

The VX7 is our full screen version of our popular VX6 computer. It runs the Intel® XScale® processor & Microsoft® Windows® CE .NET operating system so you can easily run CE .NET applications on both your handheld and your vehicle-mount computers, greatly reducing user training time & 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.

Additionally, the VX7 supports LXE's RFTerm® multi-session terminal emulator, so you can simply and cost-effectively run legacy terminal emulation applications now and Windows GUI or browser based applications when the time is right.

And the VX7 is supported by LXE's award winning support team, winners of the Mobile Star Award™ for best customer service three 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 .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 802.11b 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