VX9 Rugged Vehicle-Mount Computer

Bright 12.1" (307mm) LCD display with SVGA or XGA options with touch screen and display defroster

Screen blanking safety feature

Available with Windows® XP Pro or XPE

802.11 a/b/g, Bluetooth®, and GPRS WWAN radios

Operates in extreme temperature range of -22°F (-30°C) to 122°F (50°C)

On-screen soft keyboard

Compact, rugged design - 12.2" x 9.8" x 3.5" (308mm x 249mm x 89mm)

High strength magnesium housing

LXE is_RUGGED MOBILE COMPUTERS.

Powerful and flexible

The VX9 Vehicle-Mount Computer is a rugged, wirelessly enabled Windows based mobile PC with a 12.1" touch screen display, designed for vehicle mounted use in tough environments. Available with either Windows® XP Professional MUI or Windows® XP Embedded, the VX9 has the power and flexibility to run multiple advanced applications. A range of display and touch screen options provide exceptional operator viewing comfort. Optional integrated Bluetooth®, WLAN and WWAN radio support deliver communications on the move.

Built by LXE for tough environments

Enclosed in a high strength but lightweight magnesium housing, the VX9 has been engineered to handle extreme temperatures, shock, vibration, dust and moisture. The VX9 is packed with features that enhance reliability and ease of service, and is available with LXE's ServicePASS support package.
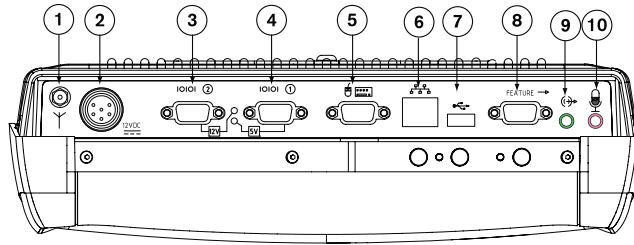
And the VX9 is supported by LXE's award-winning support team, winners of the Mobile Star Award™ for best customer service six years in a row.

VX9
Technical Specifications

1. External Antenna
2. Power supply
3. COM2 (serial port2)
4. COM1 (serial port 1)
5. Keyboard/mouse
6. RJ-45 (LAN)
7. USB 2.0
8. Multi Purpose Connector
9. Stereo out 3.5mm
10. Mic in 3.5mm

PROCESSING & MEMORY

- Intel® Mobile Pentium 1.4GHz
- Intel® Mobile Celeron 1.0GHz
- Intel® Mobile Celeron 600MHz
- 512MB or 1024MB DDR RAM

OPERATING SYSTEMS

- Windows® XP Professional MUI
- Windows® XP Embedded

SYSTEM SOFTWARE

- VMT Manager (Config. Utility)
- Citrix® Client
- Windows® Terminal Services

OPTIONAL SOFTWARE

- RFTerm® (Windows Terminal Emulations VT220, TN5250, TN3270)
- FreeFloat® Terminal Emulator (VT220, TN5250, TN3270)
- Barcode Wedge
- On-screen soft keyboard

HARD DRIVES

- 40 GB 2.5" (63.5mm) hard disk automotive
- 4 GB compact flash
- 2 GB compact flash (XPE)

RADIO SUPPORT

- WLAN: 802.11 b/g
- WLAN: 802.11 a/b/g
- WWAN GSM/GPRS Edge
  — HSDPA/HSUPA/UMTS/HCDMA
  — Multiband 850/900/1800/2100 MHz
  — Remote GSM/GPRS antenna included
- Bluetooth®
- WPA or WPA2 security
- Dual diversity external antennas
- Remote mount antenna kits available

GRAPHICS CARD

- Intel® Extreme Graphics 2, 32 MB RAM

DISPLAY & TOUCH SCREEN

- 12.1" (307mm) TFT flat panel SVGA (800X600)
  — Maximum brightness 400 cd/m2
  — Contrast ratio 500:1
- 12.1" (307mm)TFT flat panel, XGA (1024x768)
  — Maximum brightness: 320 cd/m2
  — Contrast ratio 550:1
- Touch screen options: Standard, hardened, defroster

INTERFACES

- 2 PC card, type II
- 1 PS/2 keyboard/mouse port
- 2 Serial ports (COM1) and (COM2)
- 1 USB 2.0 port
- 1 Multi-purpose connector (Serial + USB)
- 1 RJ-45 ethernet 10/100
- 1 Audio out (head set)
- 1 Mic in (microphone)

ENCLOSURE

- High strength magnesium housing
- Weight: 8.2 lbs. (3.7 kg)
- Dimensions:
  12.2" x 9.8" x 3.5"
  (308mm x 249mm x 89mm)
- Shock-absorbing mounting system

POWER SUPPLY & UPS

- External power supply 10-150VDC
- Integrated Li-ION battery backup
- Integrated backup battery charger

ENVIRONMENTAL

- Operating temperature:
  -22 to +122°F (-30 to +50°C)
- Storage temperature:
  -4 to +122°F (-20 to +50°C)
- Start-up temperature:
  -4 to + 122°F (-20 to +50°C)
- Dust and water protection enclosure rating compliant to IEC 60529 IP54

ACCESSORIES

- Multiple rugged keyboard options
- Fully isolated & protected external power supply
- Multiple RAM Mount mounting options
- Screen blanking box
- Data and adapter cables
- Bar code scanners (tethered & wireless)

APPROVALS

- Temperature
  Cold: IEC 68-2-1, Test Aa
  Dry heat: IEC 68-2-2, Test Bc
  Change of temperature: IEC 68-2-14
  Test Nb Non-condensing environment
- Moisture
  Maintain function at 85% relative humidity: IEC 68-2-30, Test Db.
- Vibration
  Shall maintain function at random vibrations: EN 60068-2-64
  Test FH
  Range of frequencies: 5 – 500 Hz
  Acceleration: 2g rms
- Conformity
  CE, FCC and ETL