

# VX8 Rugged Vehicle-Mount Computer



VEHICLE-MOUNT COMPUTERS

**10.4" (264mm) SVGA color display with ambient-light sensor for automatic display adjustment**

**Integrated Li-Ion backup battery**

**Screen blanking safety feature**

**Compact, rugged design with an IP65 water seal - 11" x 9" x 3" (279mm x 229mm x 77mm)**



**802.11a/b/g and GSM/GPRS WWAN radios**

**On-screen soft keyboard**

**Built-in support for Bluetooth®, USB 2.0, and onboard speakers**

**High strength magnesium housing**

## LXE is RUGGED MOBILE COMPUTERS.

### Powerful and compact

The VX8 Vehicle-Mount Computer is a rugged, wirelessly enabled Windows based mobile PC with a 10.4" touch screen display, designed for vehicle mounted use in tough environments. Available with either Windows® XP Professional MUI or Windows® XP Embedded, the VX8 has the power and flexibility to run multiple advanced applications. Its compact size and range of vehicle mounting options makes it suitable for use on vehicles where space is limited. Optional integrated Bluetooth®, WLAN and WWAN radio support deliver communications on the move.

### Built by LXE for tough environments

With a magnesium enclosure rated to IP65, the VX8 has been engineered to handle extreme temperatures, shock, vibration, dust and moisture. The VX8 is packed with features that enhance reliability and ease of service and is available with LXE's ServicePASS support package.

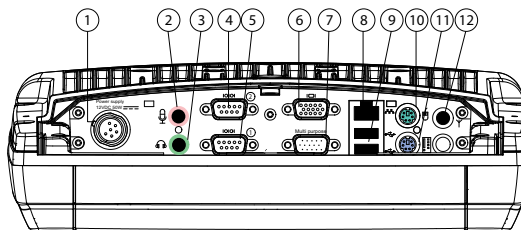
*And the VX8 is supported by LXE's award-winning support team, winners of the Mobile Star Award™ for best customer service six years in a row.*



125 Technology Parkway Norcross, GA 30092 1-800-664-4593 [www.lxe.com](http://www.lxe.com)

# VX8

## Technical Specifications



1. Power supply
2. Mic in 3.5 mm
3. Stereo out 3.5 mm
4. COM2 (serial port 2)
5. COM1 (serial port 1)
6. VGA
7. Multi Purpose connector (USB 2.0, RS232)
8. RJ-45 (LAN)
9. 2x USB 2.0 connectors
10. Mouse (PS/2)
11. Keyboard (PS/2)
12. Bluetooth antenna

### 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 and WPA2 security
- Dual diversity external antennas
- Remote mount antenna kits available

### GRAPHICS CARD

- Intel® Extreme Graphics 2, 32 MB RAM

### DISPLAY & TOUCH SCREEN

- 10.4" (264mm) TFT flat panel, SVGA (800x600)
  - Maximum brightness: 400 cd/m²
  - Contrast ratio 500:1
- Light sensor for automatic display adjustment
- Touch screen options:
  - Standard, Hardened, Defroster
- Sunlight viewable option (for outdoor use)

### INTERFACES

- 2 PS/2 ports (1 keyboard, 1 mouse) w/ strain relief
- 2 Serial ports (COM1) and (COM2) support 5V or 12V to external units
- 2 USB 2.0 ports (with strain relief)
- 1 Multi-purpose connector (Serial + USB)
- 1 RJ-45 ethernet 10/100
- 1 Audio out (head set)
- 1 Mic in (microphone)
- 1 VGA connector
- Onboard speakers (front)
- Internal slots:
  - 2 Mini-PCI, 1 USB 2.0, 1 PC Card

### ENCLOSURE

- High strength magnesium housing
- Weight: 7.7 lbs. (2.9 kg)
- Dimensions:
  - 11" x 9" x 3"
  - (279mm x 229mm x 77mm)
- 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 IP65

### 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

- Degree of protection: IEC 60529 (IP65) Rated
- Temperature
  - Cold: IEC 60068-2-1, Test Aa
  - Dry heat: IEC 60068-2-2, Test Bc
  - Change of temperature: IEC 60068-2-14, Test Nb
- Moisture: According to IEC 60068-2-30, Test Db.
- Mechanical Vibration:
  - According to IEC 60068-2-64, Test Fh
- Bump: According to IEC 60068-2-29, Test Eb
- Conformity: CE, FCC, and ETL

ORACLE PARTNER

