VX8 Rugged Vehicle-Mount Computer

10.4" (204mm) 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.
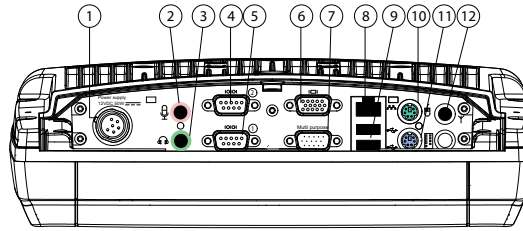
And the VX8 is supported by LXE's award-winning support team, winners of the Mobile Star Award™ for best customer service six years in a row.

LXE®

125 Technology Parkway   Norcross, GA 30092   1-800-664-4593   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/m^2
  — Contrast ratio 500:1
• Light sensor for automatic display adjustment
• Touch screen options: Standard, Hardened, Defroster

INTERFACES

• 2 PS/2 ports (1keyboard, 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