VX8 Kärv

PREPARED FOR BATTLE.
DESIGNED FOR BUSINESS.

LXE®

Centuries ago, the kärv was an agile seafaring vessel used in both battle and merchant missions. Today, the LXE Kärv is a compact, rugged, and wirelessly-enabled mobile PC designed to be every bit as versatile as its namesake.

The Kärv is designed for enterprises that need full Microsoft® Windows computing power in a mobile environment to optimize application and network management compatibility, and is flexible enough to run multiple advanced applications, with either Windows XP Professional MUI or Windows Embedded Standard. Radio communications are delivered on the move with optional Bluetooth, WLAN or WWAN radio configurations. And it's all packaged in an IP 65-rated magnesium enclosure that's built to thrive in the toughest environment — yours.

To see how the agile and versatile Kärv fits into your operation, or to check out the entire Trux family of vehicle mount computers, please visit lxe.com/karv.

WWAN RADIO

-22° F

IP 65

AGILE
Compact size (11" x 9" x 3") and multiple mount options ideal for tight spaces

POWERFUL
High-strength magnesium housing protects an equally powerful Intel® Core 2 Duo or Atom Processor

VERSATILE
Ambient-light sensor and available energy-efficient LED backlit display ready for any environment

LXE | **TRUX** | **Vehicle Mount Computers**

VX8 Kärv
TECHNICAL SPECIFICATIONS

PLATFORM

Processing & Memory
- Intel® Core 2 Duo 1.5GHz, RAM: 1GB DDR standard (2GB optional)
- Intel® Atom 1.6GHz, RAM: 1GB DDR standard (2GB optional)

System
- Windows® XP Professional MUI
- Windows® Embedded Standard (WES 2009)
- Windows® 7 Ready

Graphics Card
- Intel® Graphics Media Accelerator (GMA 950), up to 224MB DVMT 3.0

Display & Touch Screen
- Indoor 10.4" (264mm) TFT flat panel, SVGA (800x600) LED Backlit
  - Maximum brightness: 400 cd/m^2
  - Contrast ratio 700:1
- Light sensor for automatic display adjustment
- Touchscreen options:
  Hardened, Defroster

Hard Drives
- 60 GB 2.5" Hard Drive Automotive
- 16 GB Solid State Drive
- 8 GB Compact Flash
- 2 GB Compact Flash (XPE/WES Only)

Power Supply & UPS
- External power supply 10-150VDC
- Integrated Li-Polymer battery backup
- Integrated backup battery charger

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

CONNECTIVITY

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

Interfaces
- 2 PS/2 ports (1 keyboard, 1 mouse) w/strain relief
- 2 Serial ports (COM1) & (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

Radio Support
- 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® 2.0+EDR
- WPA and WPA2 security
- Dual diversity external antennas
- Remote mount antenna kits available

CUSTOMIZATIONS

Accessories - Full catalog available for download lxe.com/forj
- 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)

Developers - Free SDK available at lxe.com/developer

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

Approvals
- 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, & ETL

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