The strongest materials can open new possibilities for their owner. The Förj Vehicle-Mount Computer does just that. The Förj harnesses full Microsoft® Windows computing power in a mobile environment, optimizing application and network management compatibility, while remaining flexible enough to run multiple advanced applications, with either Windows XP Professional MUI or Windows Embedded Standard.

A 12.1” touch screen display, with an available backlit energy-efficient LED configuration, provides exceptional operator viewing comfort. Radio communications are delivered on the move with optional Bluetooth, WLAN or WWAN radio. And it’s all packaged in an IP 54-rated magnesium enclosure that’s built to thrive in the toughest environment — yours.

To see what you can achieve with the Förj, or to check out the entire Trux family of vehicle-mount computers, please visit lxe.com/forj.

- COMPATIBILITY
  Optimize your network management with full Windows computing power

- POWER
  Run multiple advanced applications

- VISIBILITY
  Large 12.1” touch screen with available backlit LED for easy viewing indoor or outdoor
**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

**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)

**Display & Touchscreen**
- Indoor 12.1” (307mm) TFT flat panel SVGA (800x600)
- LED backlight: Brightness 450 cd/m²
- Outdoor 12.1” (307mm) TFT flat panel XGA (1024x768)
- CCFL Backlight: Brightness 320 cd/m², Contrast ratio 500:1
- Outdoor 12.1” (307mm) TFT flat panel XGA (1024x768)
- LED Backlight: Brightness 1000 cd/m², Contrast ratio 600:1
- Touchscreen options: Hardened, defroster

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

**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

### 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
- Applock utility controls user application access & unwanted config changes

**Interfaces**
- 2 PC card, type II
- 2 PS/2 keyboard/mouse ports (Adapter cable required for second port)
- 2 Serial ports (COM1) & (COM2)
- 1 USB 2.0 port
- 1 Multi-purpose connector (Serial + USB)
- 1 RJ-45 ethernet 10/100
- 1 Audio out (headset)
- 1 Mic in (microphone)

**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®
- WPA and WPA2 security
- Dual diversity external antennas

### 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 & water protection:** IEC 60529 IP54

**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 & ETL

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**CUSTOMIZATIONS**

**Accessories**
- Multiple rugged keyboard options
- Fully isolated & protected external power supply
- Multiple RAM Mount

**Developers**
- Free SDK available at lxe.com/developer

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