

Förj

STRENGTH AND POWER,
CUSTOMIZED FOR YOUR NEEDS.



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.



OUTDOOR DISPLAY



WWAN RADIO



-22° F



IP 54



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

Förj

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 Backlit - Brightness 450 cd/m²

- Contrast ratio 700:1
- Indoor 12.1" (307mm) TFT flat panel XGA (1024x768) CCFL Backlit - Brightness 320 cd/m² - Contrast ratio 550:1
- Outdoor 12.1" (307mm) TFT flat panel SVGA (800x600) LED Backlit - 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

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

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 enclosure rating compliant to IEC 60529 IP54
- 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

Approvals

- Temperature: Cold: IEC 68-2-1, Test Aa Dry heat: IEC 68-2-2, Test Bc



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