MX3X Rugged Handheld Computer

High performance 802.11a/b/g radio for mobile connectivity to your enterprise network.

Voice ready with ToughTalk™ technology for your voice-directed logistics applications.

Customize the unit with multiple endcap options including a bar code scanner.

HANDHELD COMPUTERS

CISCO™
Compatible

Improve productivity with full-shift Li-Ion battery.

Large 6.5" (165mm) high visibility mono or color display with touch screen for crystal-clear viewing.

Polycarbonate/ABS plastics - absorbs impact vs. shattering on impact.

Fully-rugged, epoxy-coated, glowing QWERTY keypad with programmable keys makes data entry a breeze.

Ten dedicated function keys allow for one-touch application functionality.

With an easy in/out docking system, the MX3X conveniently transforms between handheld & vehicle-mount usage.

Compatible with RFTerm® emulation, JAVA, & Citrix.

LXE is_RUGGED MOBILE COMPUTERS.
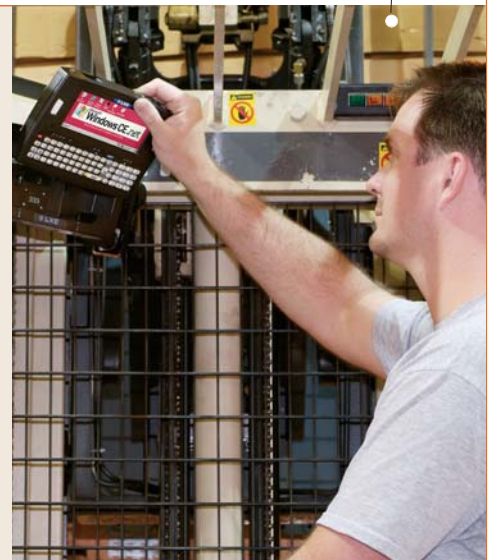
Power packed unit with flexible features

The MX3X is equipped with a powerful Intel® XScale® processor and runs the industry standard Windows® CE .NET or Windows CE 5.0 Professional OS. With CE you gain access to Microsoft's .NET Compact Framework; loaded with smart management tools allowing you to personalize your computing experience.

The MX3X ships voice ready with ToughTalk™ technology, a specialized combination of LXE's trademark rugged system design, advanced audio circuitry and noise canceling techniques - for industrial-grade, voice logistics applications.

Rugged and reliable by design

The MX3X is a fully-rugged computer able to thrive in the most demanding operating conditions. You can drop it, hose it down, freeze it and still expect years of reliable service from this versatile compact computer.

And the MX3X 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

MX3X

Technical Specifications

Processing & Memory

- Intel® XScale® PXA255 400MHz CPU
- 128MB Flash or 128MB RAM

Software

- Windows® CE .NET 4.2 w/Compact Framework
- Windows® CE 5.0 Professional w/Compact Framework
- AppLock® utility controls user application access & unwanted configuration changes
- Barcode wedge, RF, power mgmt & diagnostic utilities
- API's for scanner, PCMCIA, serial, battery, power management, and version control
- SDK

Optional Software

- RFTerm® Windows CE® Terminal Emulations (VT220, TN5250, TN3270) multi-session, multi-host hot-key support with programmable function keys
- Unique keyboard overlays to match each emulation type
- Wavelink Avalanche™ and LXE eXpress Config compatible
- Personal JAVA 1.2 JVM

Keyboard

- 63 Key QWERTY format with (2) large user mappable scan keys
- 10 single touch function keys
- Phosphorescent "glowing" keys
- Epoxy-coated for resistance to abrasions & chemicals

Displays & Touch Screen

- 640 x 240 1/2 VGA LCD
- 6.5" (165mm) diagonal
- Fully adjustable contrast & brightness
- Resistive touch screen with anti-glare coating & tethered stylus
- Options:
  Transmissive (Indoor) hi-bright color with double tube CCFL backlight
  Transflective (In/Outdoor) sunlight-readable monochrome w/hi-bright EL bklt

Expansion

- (1) PCMCIA V.2.1 slot Type I, II, III
- (1) Compact Flash Slot Type I or II

Power Supply & Management

- 10.8V, 1800mAh Li-Ion battery pack
- 8+ hour battery life with typical usage
- Battery charge time (typical)
  5-unit charger: 4 hours
  Cradle: 6.5 hours
- Backup battery with automatic charging
- Power jack for external power
- Fully configurable active power management

Interfaces

- (2) RS-232 port (D9) with configurable power for external devices
- (1) USB host port (D9)
- (1) USB client port (D9)
- Integrated barcode scanner
- Infrared (IR) communications port
- Beeper with adjustable volume control
- 2.5mm audio/microphone jack
- Bluetooth® (optional)

Radio Card Support - PCMCIA

- 2.4GHz 802.11b/g radio
- 2.4/5GHz 802.11a/b/g radio
- Optimized internal diversity antenna
- WPA or WPA2 security
- Cisco® CCXv4 certified
- Bluetooth®

Enclosure

- High impact polycarbonate/ABS plastic
- Available in yellow and black
- Size: 8 in. x 6 in. x 1.35 in.
  (203mm x 152mm x 34mm)
- Weight:
  Monochrome 33.2 oz. (941g) including radio, battery, & scanner
  Color 34.5 oz. (979g) including radio, battery, & scanner

End Cap Options

- (2) RS-232 ports
- (1) RS-232 port w/integrated bar code scanner
- (1) USB host port and (1) RS-232 port
- (1) USB client port and (1) RS-232 port
- (1) USB client port w/integrated bar code scanner
- (1) USB host port and (1) USB client port

Environmental

- Operating temperature range:
  Monochrome
  -4°F to 122°F (-20°C to 50°C)
  Color
  14°F to 122°F (-10°C to 50°C)
- Storage temperature range:
  Monochrome
  -22°F to 158°F (-30°C to 70°C)
  Color
  -4°F to 158°F (-20°C to 70°C)
- Humidity (operating):
  5% to 90% RH non-condensing at 104°F (40°C)
- Drop spec: 4-ft (1.2M) multiple drops to concrete
- Dust & water protection enclosure rating IEC 60529 compliant to IP66
- Shock & vibration testing exceeds MIL STD 810F

Approvals

- Emissions (EMI)
- FCC Part 15 Subpart B, Class A
- Industry Canada ICES-003 Class A
- EN 55022:1998, Class A
- Immunity (EMC) EN 55024:1998
- Safety
  UL 1950, CSA 22.2 No. 950, EN 60950 IEC 950
- Laser Safety
  CDRH:21 CFR 1040.10 and 1040.11, EN 60825-1 and IEC 825-1
- Radios separately approved to FCC Part 15 Subpart C
- Industry Canada RSS 102, RSS 139 and/or 210
- R&TTE Directive: ETS 300 328, ETS 300 826, EN 60950
- RoHS compliant version available

Accessories

- 5-unit battery charger
- Vehicle cradle with power supply
- Power adapters
- Nylon cases and holsters
- Memory cards
- Desktop cradle
- Data cables