

# MX3Plus Vivid Display Handheld Computer



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

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

## HANDHELD COMPUTERS

Large 6.5" (165mm) high-visibility, color display with touch screen option.

Choose from optional indoor or sunlight-readable displays for crystal-clear viewing.

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

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



Customize the unit with multiple end cap options.

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

Improve productivity with full-shift Li-Ion battery.

With an easy in/out docking system, the MX3Plus conveniently transforms between handheld & vehicle-mount usage.

## LXE is RUGGED MOBILE COMPUTERS.

### Brilliant power-packed unit with flexible features

The MX3Plus mobile computer offers a bright future for your operators - literally. With active display technology options, this computer can be customized for easy viewing in dimly lit warehouses or outdoors. It is equipped with a powerful Intel® XScale® processor, and runs the industry standard Windows® CE 5.0 Professional OS.

The MX3Plus computer ships voice ready with ToughTalk technology, a specialized combination of LXE's trademark rugged system design, advanced audio circuitry and noise-canceling techniques.

### Rugged and reliable by design

The MX3Plus computer is fully rugged and 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 MX3Plus is supported by LXE's award-winning support team, winners of the Mobile Star Award™ for best customer service six years in a row.



# MX3Plus

## Technical Specifications



### Processing & Memory

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

### Software

- Windows® CE 5.0 Professional w/Compact Framework
- AppLock® utility controls user application access & unwanted configuration changes
- Barcode wedge, RF, power management and diagnostic utilities

### 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

### Application Development

- Free SDK available through LXE's Developer Portal <http://www.lxe.com/developer>
- Sample code for each API call
- Complete example applications
- Developer-related FAQs

### 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 and chemicals

### Enclosure

- High-impact polycarbonate/ABS plastic
- Available in yellow and black
- Size: 8 in. x 6 in. x 1.89 in. (203mm x 152mm x 48mm)
- Weight: 37.75 oz. (1071g) including radio, battery, and scanner

### Displays and Touch Screen

- 6.5" (165mm) diagonal 640 x 240 1/2 VGA color LCD
- Fully-adjustable contrast & brightness
- Resistive touch screen with anti-glare coating and tethered stylus or high-clarity lens (non-touch screen)
- Options:
  - Indoor hi-bright (350 Nit) active color-matrix LCD display
  - Sunlight-readable transreflective active color-matrix LCD display with rugged LED backlighting

### Power Supply and Management

- 10.8V, 2200mAh 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 (end cap)

- Combo / Options:
  - (2) RS-232 port (D9) with configurable power for external devices
  - (1) USB host port (D9)
  - (1) USB client port (D9)
- Integrated bar code scanner
- Infrared (IR) communications port
- 2.5mm audio/microphone jack

### Expansion

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

### Radio Card Support - PCMCIA

- 2.4GHz 802.11b/g radio
- 2.4GHz/5.0GHz 802.11 a/b/g radio
- Optimized internal diversity antenna
- External antenna option
- WPA or WPA2 security
- Cisco® CCXv4 certified
- Bluetooth®

### Environmental

- Operating temperature range: -4°F to 122°F (-20°C to 50°C)
- Storage temperature range: -4°F to 158°F (-20°C to 70°C)
- Humidity (operating) range: 5% to 90% RH non-condensing
- Drop spec: 4-ft. (1.22m) multiple drops to concrete
- Dust and water protection enclosure rating IEC 60529 compliant to IP66
- Shock 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
- Industry Canada RSS 102, RSS 139 and/or 210
- R&TTE Directive: ETS 300 328, ETS 300 826, EN 60950
- RoHS-compliant

### Accessories

- Protective rubber boot (black or yellow)
- 5-unit battery charger
- Vehicle cradle with power supply
- Voice headset and carry cases
- Power adapters
- Nylon cases and holsters
- Desktop cradle

