

# MX8 Compact, Rugged Handheld Computer



HANDHELD COMPUTERS

*Compact, light-weight ergonomic design for extended hours of comfortable use.*

*Brilliant display and backlit keys designed for crystal-clear viewing even in dimly-lit areas.*

*Standard-range and 1D and 2D bar code support.*

*Removable, easy-grip handle with two-finger trigger and molded rubber grip for full-shift comfort.*

*Configured with market-leading Windows® CE 5.0 and an 802.11b/g WLAN radio for secure mobile connectivity.*



*Image capture for specialized materials management applications.*

*Multiple function keys with full, customizable keyboard mapping.*

*Scan status vibration confirms good/bad scan even in the noisiest environments.*

*Bluetooth 2.0 + EDR for wireless peripheral support.*

*Voice-ready with ToughTalk technology to support your voice-directed warehouse applications.*

## LXE is RUGGED RELIABLE MOBILE COMPUTERS.

### Location, location, location

Ideal for a vast array of data-collection tasks: take the MX8 computer wherever you need it. From the rough neighborhoods of scan-intensive warehouse operations to the temperate climate of the retail storefront, the lightweight MX8 computer is right at home. It's engineered for all-day comfort yet tough enough to endure day-to-day operations. Best of all, this quality and durability is available at a great value.

The MX8 computer 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.

### Built like a tiny brick house and smart as a whip

Look beyond the tough, eye-catching body and you'll find enough power to support your various application needs. You'll fancy the Windows® CE operating system, high-performance processor, 802.11b/g radio and the latest Bluetooth technology. It's so intelligent and sophisticated, you might want to take it home to meet mom.

And the MX8 computer is supported by LXE's award-winning support team, winners of the Mobile Star Award™ for best customer service five years in a row.



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# MX8

## Technical Specifications



### Processing & Memory

- PXA270 520MHz
- 128MB SDRAM
- 128MB Flash
- 128MB, 512MB, or 1GB mini-SD card

### Operating System

- Windows® CE 5.0
- Non-volatile storage of resident drivers, applications and settings

### Optional Software

- RFTerm® (TN5250, TN3270, VT220)
- AppLock utility controls user application access & unwanted configuration changes
- Java Virtual Machine
- Multiple language OS support
- SDK with Microsoft® & LXE APIs
- Voice recognition
- Wavelink Avalanche™ and LXE eXpress Config compatible

### Keyboard

- 32-key numeric-alpha
- Backlit keys
- Five dedicated function keys + user-defined function keys
- Full keyboard mapping support
- Abrasion resistance key coating

### Display

- 2.8" 240x320 QVGA TFT color LCD
- 300 NIT brightness
- Resistive touch screen with stylus

### Power Supply & Management

- 3000mAh 3.7V Li-polymer battery
- Full-shift battery life (w/typical usage)
- Backup battery w/automatic charging for main battery hot-swap
- Main battery low warning
- Configurable active power management

### Interfaces

- USB Client
- RS-232
- Power for in-terminal charging
- Audio for headset, voice recognition application certified
- Speaker with adjustable volume control
- Large scan status LED
- Power status LED

### Radio

- 802.11b/g, Wi-Fi certified radio
- 802.11a radio (future)
- Internal diversity antenna
- WPA or WPA2 security
- Bluetooth 2.0 + EDR

### Enclosure

- Dimensions:  
7.6" x 2.8" x 1.8"  
(19.3cm x 7.1cm x 4.6cm)
- Weight:  
17oz (482g) including radio, battery, handle and scanner

### Environmental

- Temperature rating  
Operating: 14°F to 122°F (-10°C to 50°C)  
Storage: -4°F to 158°F (-20°C to 70°C)
- Humidity  
Operating: 5% to 95%  
non-condensing at 104°F (40°C)
- Drop specification  
4ft multiple drops to concrete (w/handle)
- Tumble: 500, 0.5m
- Ingress protection enclosure rating:  
IEC 60529 compliant to IP54
- Vibration testing: Based on MIL STD 801F

### Approvals

- Emissions (EMI)  
FCC Part 15 Subpart B, Class A;  
EN 55022, Class A (CISPR 22)
- Immunity (EMC)  
EN 55024:1998

- Safety  
UL 60950, CSA  
C22.2 No. 60950,  
EN 60950, IEC 60950
- Laser Safety  
CDRH:21 CFR 1040.10,  
EN 60825-1 and IEC 60825-1
- Radio  
FCC Part 15C  
Industry Canada RSS 210, 102  
EN 300 328
- RoHS-compliant

### Bar Code

- Standard Range Laser
- 1D and 2D Imagers
- Scan status vibration feedback and easy view scan LED

### Accessories

- Trigger handle
- USB and RS-232 adapter cables
- Protective boot
- Desktop cradle with spare battery charging
- Passive vehicle cradle
- 4-slot battery charger
- Carry case for MX8 without handle
- Carry case for MX8 with handle
- Holster for MX8 without boot or handle
- Holster for MX8 with handle
- Holster for MX8 with boot and handle

