

# MX8

LXE | WORX | Mobile computers



Rugged enough for the warehouse yet light enough for the retail store front, the MX8 is designed for easy, comfortable and intensive operation with minimum user fatigue. The MX8 ships voice ready with ToughTalk™, a specialised combination of LXE trademark rugged system design, advanced audio circuitry and noise canceling techniques, for multimodal voice-scanning logistics applications.

Behind the eye-catching body you'll find enough power to support all of your application needs: Windows® CE 5.0 or Windows® Mobile 6.1, 520 MHz processor, 802.11b/g radio and the latest Bluetooth technology.

The MX8 handheld computer will enhance your logistics processes in terms of speed, quality and data management accuracy. And like all LXE computers, the MX8 is Born Rugged, Not Made Rugged™.



## COMPACT

IP 54 rated, 1,2m drops to concrete, 500 0.5 meter tumble test.

## ERGONOMIC

Available trigger handle and good scan/bad scan vibration feature.

## FITS YOUR NEEDS

Choose Windows® CE 5.0 or Windows® Mobile 6.1.



IP 54



1.2 m



VOICE READY



[www.lxe.com](http://www.lxe.com)

# MX8

## TECHNICAL SPECIFICATIONS



### PLATFORM

#### Processing & Memory

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

#### System

- Windows® Mobile 6.1
- Windows® CE 5.0
- Non-volatile storage of resident drivers, applications and settings

#### Graphics Card

- Intel® Extreme Graphics 2, 32 MB RAM

#### Display

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

#### Keyboard

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

#### Power System & Management

- 3000mAh 3.7V Li-Ion 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

#### Enclosure

- Dimensions: 93 mm x 71 mm x 46 mm
- Weight: 377g including radio, battery and scanner

### CONNECTIVITY

#### Optional Software

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

#### 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
- 802.11a/b/g radio
- Internal diversity antenna
- WPA or WPA2 security
- Cisco® CCXv4 certified
- Bluetooth 2.0 + EDR

### RUGGEDNESS

#### Environmental

- Temperature rating  
Operating: -10°C to 50°C  
Storage: -20°C to 70°C
- Humidity:  
Operating: 5% to 95% non-condensing at 40°C
- Drop Specification:  
1.2m 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 810F

#### Approvals

- Emissions (EMI)  
FCC Part 15 Subpart B, Class A  
EN 55022, Class A (CISPR22)
- 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

### DATA CAPTURE

#### Bar Code

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

- Trigger handle
- Protective boot
- Desktop cradle with spare battery charging
- Passive vehicle cradle
- 4-slot battery charger
- Carry cases and Holsters for MX8

Download accessory catalogue at [www.lxe.com](http://www.lxe.com)



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