

# MX9

## Ultra Rugged Handheld

VOICE  
READY



- All-range scanning allows for barcode data capture from 102mm to 12m.
- Brilliant outdoor display offers crystal clear viewing in full-sun and dimly-lit environments.
- Removable, easy-grip handle comes with two-finger trigger and moulded rubber grip for long shifts of scanning.
- 62-key alpha-numeric or 38-key numeric-alpha backlit keyboards available. Both include durable, in-moulding design.
- Market leading Windows® CE 5.0 Professional OS.



### HANDHELD COMPUTERS

- Ultra rugged handheld is IP67 rated and operates in challenging environments from -20°C to 50°C.
- WWAN radio enabled with GSM/ GPRS/ EDGE.
- High performance 802.11 a/b/g radio with Bluetooth option for mobile connectivity to your enterprise network.
- 10 single-touch function keys with fully mappable keyboard for customisation - allows for one-click access to specific application functions.
- Equipped with GPS receiver.

## BORN RUGGED, NOT MADE RUGGED™

### Built by LXE for tough environments

The MX9 is perfect for use in ports and intermodal applications, outdoor logistics operations and any harsh environment where data collection is needed. Don't let its rugged exterior fool you - the MX9 is intelligent, flexible, and dependable.

### The Ultra Rugged Handheld

What makes the MX9 an Ultra Rugged Handheld? A host of features including an IP67 rating, 1.8 meter drop tests to concrete, and the 2,000 cycle 1 meter tumble test make this LXE handheld ready for the most harsh conditions imaginable. From cold stores to full-sun environments, the MX9 can handle just about anything.

The MX9 ships with a PXA 320 processor and industry leading Windows® CE 5.0 Professional. Options include WWAN with GPS receivers, choice of backlit keyboards and more. Data collection in any environment is no challenge for the MX9, the most advanced ultra rugged handheld in the industry.



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

# MX9

## Technical Specifications



### Processing & Memory

- PXA320, 800MHz
- 128MB SDRAM
- 128MB Flash
- SD expansion card to 4GB

### Operating System

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

### Available Software

- RFTerm® (TN5250, TN3270, VT220)
- AppLock utility controls user application access & unwanted configuration changes
- Multiple localised languages
- Wavelink Avalanche and LXE eXpress Config

### Application Development

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

### Keyboard

- Backlit keys
- 38-key numeric-alpha or 62-key alpha-numeric
- 10 dedicated function keys + user defined keys
- Fully keyboard mapping support
- TN5250 emulation overlay option on 62-key
- Durable, in-mold design

### Display

- 94 mm colour QVGA
- Outdoor readable, transreflective
- Resistive touch screen with stylus

### Power System & Management

- Full shift battery life with typical usage
- Fast recovery backup power for data retention

- Main battery low warning
- Active power management (configurable)

### Interfaces

- USB Host & Client
- Powered RS-232
- Ethernet
- In-terminal charging
- Microphone
- Speaker with adjustable volume control
- Large scan status LEDs & power status LEDs

### Radio

- 802.11b/g
- 802.11a/b/g
- Internal diversity antenna
- Bluetooth 2.0 + EDR
- WPA or WPA2 security
- WWAN, GSM/GPRS
- GPS receiver
- Cisco® CCXv4 certified

### Enclosure

- Weight: 963 g with scanner, 802.11, Bluetooth and hand strap
- Dimensions: 251mm x 99mm x 69mm
- User replaceable battery
- Rubber overmold

### Environmental

- Operating temperature: -20° to +50°C
- Storage temperature: -20° to +70°C
- Humidity: 5 to 95% non-condensing
- Drop: 1.8m to concrete
- Tumble: 2,000, 1m tumble test
- IP Rating: IP67
- 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 60950-1, CSA  
C22.2 No. 60950-1  
EN 60950, IEC 60950
- Laser Safety:  
21 CFR 1040.10, IEC 60825-1
- Battery Safety:  
UL 2054, IEEE 1725
- Radio:  
FCC Part 15 subpart C  
IC RSS210, 102  
EN 300 328  
China SRRC  
Singapore IDA  
Malaysia SIRIM
- Radio Safety:  
FCC O.E.T. Bulletin 65  
Industry Canada RSS 102  
EN 50360

### Bar Code

- Standard range laser
- All-range laser (102mm - 12m)
- 2D Imager
- Configurable Scan Vibration signal and easy view scan LEDs
- Full symbology support
- Image capture, VGA

### Accessories

- Trigger handle
- USB and RS-232 adapter cables
- Desktop cradle with spare battery charging & Ethernet
- Active vehicle cradle
- 4-slot battery charger
- Vehicle power port adapter
- Carry case for MX9 with handle
- Carry case for MX9 without handle
- Holster for MX9 with handle



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