

# MX8

RUGGED FOR THE WAREHOUSE.  
LIGHT & COMPACT FOR RETAIL.  
OR IS IT THE OTHER WAY AROUND?



Anyone who has worked a double shift in a busy storefront will tell you: the toughest conditions aren't always in the warehouse. And in today's business climate, every logistics manager is looking for faster, more efficient ways to move goods down the supply chain. That's why the MX8 is built for a vast array of intensive, fast-paced data collection tasks - from warehouse operations to the retail environment.

The MX8's user-friendly ergonomics include a removable, easy-grip handle with two-finger trigger and molded rubber grip for full shift comfort. Inside, there's a whip-smart available Windows® Mobile operating system connecting with BlueTooth 2.0+EDR and 802.11 a/b/g radio. The MX8 also ships voice-ready with LXE's ToughTalk™ technology, a specialized combination of advanced audio circuitry and noise-canceling features.

The IP-54 rated MX8 packs all the features you need into the compact size that lets you take it everywhere. Visit [lxe.com/mx8](http://lxe.com/mx8) to see it in action.



### COMPACT

Just 13.3 ounces including radio, battery & scanner

### ERGONOMIC

Available trigger handle and good scan/bad scan vibration feature

### FITS YOUR NEEDS

Choose Windows® CE 5.0 or Windows® Mobile 6.1

### ECONOMICAL

Rugged IP 54-rated performance at an affordable price

LXE | WORX | Handheld Computers

# MX8

## TECHNICAL SPECIFICATIONS



### PLATFORM

#### Processing & Memory

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

#### System

- Windows<sup>®</sup> Mobile 6.1
- Windows<sup>®</sup> CE 5.0
- Non-volatile storage of resident drivers, applications & settings

#### Display & Touch Screen

- 2.8" (71mm) 240x320 QVGA TFT color LCD
- 300 NIT brightness
- Resistive touch screen w/ stylus

#### Power Supply

- 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: 7.6" x 2.8" x 1.8" (193mm x 71mm x 46mm)
- Weight: 13.3 oz (377g) including radio, battery, & 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 90%, non-condensing at 104°F (40°C)
- Drop specification: 4ft (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
- 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
- Moisture: Maintain function at 85% relative humidity, IEC 68-2-30, Test Db.
- Vibration: Shall maintain function at random vibrations, EN 60068-2-64, Test FH
- Range of frequencies: 5 – 500 Hz
- Acceleration: 2g rms
- Conformity: CE, FCC & ETL

#### Approvals

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

### CONNECTIVITY

#### Optional Software

- Wavelink<sup>®</sup> TE
- RFTerm<sup>®</sup> (TN5250, TN3270, VT220)
- AppLock utility controls user application access & unwanted configuration changes
- Java Virtual Machine
- Multiple language OS support
- Voice recognition
- Wavelink Avalanche<sup>™</sup> & LXE eXpress Config compatible

#### Interfaces

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

#### Radio Support

- 802.11a/b/g radio
- Internal diversity antenna
- WPA or WPA2 security
- Bluetooth<sup>®</sup> 2.0 + EDR

### DATA CAPTURE

#### Bar Code

- Standard range laser
- 1D and 2D Imagers
- Scan status vibration feedback & easy view scan LED

### CUSTOMIZATIONS

#### Accessories

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

- Holster for MX8 w/ handle
- Holster for MX8 w/ boot and handle

Download full accessory brochure: [lxe.com/mx8](http://lxe.com/mx8)

#### Application Development

- Sample code for each API call
- Complete example applications
- Developer FAQs

Free SDK available: [lxe.com/developer](http://lxe.com/developer)



125 Technology Parkway  
Norcross, GA 30092

1-800-664-4593  
info@lxe.com



Copyright © 2010 LXE Inc. All rights reserved. Specifications are subject to change without notice. All names, products, and services mentioned are the trademarks or registered marks of their respective organizations.

DSMX8-1110

Please visit [lxe.com/mx8](http://lxe.com/mx8) or scan right with your barcode-enabled device:



## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660