

# MX9

WHAT DOES "ULTRA-RUGGED" MEAN?  
YOUR TEST IS AS GOOD AS OURS.



To earn the "ultra-rugged" designation, a device must test to an IP rating of 67, a 6-foot drop to concrete, and a 2,000 cycle 1-meter tumble test. But the true tests of the MX9 don't happen in a lab. The MX9 proves itself on the loading dock when workers use it as a hammer to repair a palette; when the farmer trusts it as his sole connection to suppliers; and across a widening spectrum of demanding conditions.

What kind of test will you subject the MX9 to? Use the WWAN radio and GPS to stay connected from the most remote locations. Take the MX9CS in the cold, where the built-in heater not only withstands -30°C, but in-and-out freezer transitions. Or try the MX9HL for peace of mind in hazardous locations.

From the port to the wheat field. From the warehouse to the construction site. From our tests to yours. Put the MX9 through its paces today. Visit [lxe.com/mx9](http://lxe.com/mx9) to see customer testimonials and a product tour.



IP 67



OUTDOOR DISPLAY



6ft



-30°C



GPS



VOICE READY



WWAN RADIO



## ULTRA-RUGGED

IP 67 rated, 6' drop to concrete, 2K 1m tumble test

## GOES ANYWHERE

With WWAN radio and GPS options

## CUSTOMIZABLE

Fully mappable keyboard with 10 one-touch function keys

**LXE | WORX | Handheld Computers**

# MX9

## TECHNICAL SPECIFICATIONS



### PLATFORM

#### Processing & Memory

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

#### System

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

#### Display & Touch Screen

- 3.7" (94 mm) color QVGA
- Outdoor readable, transfective
- Resistive touchscreen with stylus

#### Power Supply

- Full shift battery life with typical usage (CS units temperature-dependent)
- Fast recovery backup power for data retention
- Main battery low warning
- Active power management (configurable)

#### Enclosure

- Weight: 2.1 lbs. (34 oz.) with scanner, 802.11, Bluetooth and handstrap
- Dimensions: 9.9"x3.9"x2.7" (251mm x 99mm x 69mm)
- User replaceable battery
- Rubber overmold

### CONNECTIVITY

#### Optional Software

- Wavelink<sup>®</sup> TE
- RFTerm<sup>®</sup> (TN5250, TN3270, VT220)
- Applock utility controls user application access & unwanted configuration changes
- Multiple localized languages
- Wavelink Avalanche and LXE eXpress Config

#### 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 Support

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

### ENVIRONMENTAL

- Operating temperature: -4° to +122°F (-20° to +50°C)
- Operating temp (CS Units): -22° to +122°F (-30° to +50°C) w/ heaters
- Storage temperature: -4° to +158°F (-20° to +70°C)
- Humidity: 5 to 95% non-condensing
- Drop: 6 ft. (1829 mm) to concrete
- Tumble: 2,000, 1m tumble test
- IP Rating: IP67
- MIL STD 810F
- Immunity: (EMC) EN 55024:1998
- Emissions: (EMI) FCC Part 15, Subpart B, Class A; EN 55022, Class A (CISPR 22)
- 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

#### Approvals

- Hazardous Locations (HL units): Class I, Div-2, Groups ABCD with NRTL mark ISA 12.12.01, CSA C22.2#213

### DATA CAPTURE

#### Bar Code

- Standard range laser
- All-range laser (4 in. - 40 ft.) (102mm - 12m)
- 2D Imager

- Successful scan vibration signal
- 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, USB client, USB host, & RS-232
- Active vehicle cradle
- 4-slot battery charger
- Vehicle power port adapter
- Carry case for MX9 w/ handle
- Carry case for MX9 without handle
- Holster for MX9 w/ handle

Download full accessory brochure: [lxe.com/mx9](http://lxe.com/mx9)



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ORACLE PARTNER



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DSMX9-1110

Please visit [lxe.com/mx9](http://lxe.com/mx9) 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.

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