

# MX7 Rugged Handheld Computer



Voice ready with ToughTalk™ technology for your voice-directed logistics applications.

Brilliant display offers crystal-clear viewing even in dimly-lit corners of your warehouse.

Boasting all-range scanning capabilities, the MX7 captures bar code data from 4 in. - 40 ft.

Removable, easy-grip handle with two-finger trigger and molded rubber grip for long shifts of scan intensive operations.

Equipped with the market-leading Windows CE 5.0 OS.

High performance 802.11b/g radio, with Bluetooth option for mobile connectivity to your enterprise network.



## HANDHELD COMPUTERS



Single-touch function keys with fully mappable keyboard allow customizable, one-click access to specific application functions.

Good Scan bar code vibration signal confirms data collection in the noisiest environments.

Backlit keyboard.



Light enough for picking, tough enough to survive.

Optional protective boot extends drop specification.

## LXE is RUGGED RELIABLE MOBILE COMPUTERS.

### Optimized for your distribution center

The MX7 is ideal for a variety of data collection applications in warehouses and DCs. Designed for comfort, the MX7 is light enough for scan intensive picking yet tough enough to take a beating. With all-range scanning capabilities, efficiency rises as the MX7 collects bar code data from 4 in. to 40 ft. away.

The MX7 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.

### More than muscle, it's smart too

Don't let its rugged exterior fool you, the MX7 is engineered with intelligence, speed, and flexibility. Driven by a Windows® CE operating system and an Intel® XScale® processor, the MX7 is powerful. With its 802.11b/g radio, and Bluetooth option you're ready for the real-time business opportunities of today and tomorrow.

And the MX7 is supported by LXE's award winning support team, winners of the Mobile Star Award™ for best customer service six years in a row.



# MX7

## Technical Specifications



### Processing & Memory

- Intel® XScale® PXA255 400MHz
- 128MB SDRAM
- 128MB, 512MB, or 1GB SD Flash

### Operating System

- Windows® CE 5.0 Professional
- 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
- Asian character sets
- VoxBrowser™ for voice recognition
- Wavelink Avalanche™ and LXE eXpress Config compatible

### Application Development

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

### Keyboard

- Backlit keys
- 55, 32 key options
- Alpha-numeric, or numeric-alpha
- Five dedicated function keys + user defined function keys
- Full keyboard mapping support
- TN5250 emulation overlay option on 55 key
- Keys are coated for resistance to abrasion

### Display

- 3.5" (8.8cm) 240 x 320 ¼ VGA TFT color LCD
- Bright LED backlight
- 280 NIT brightness

- Resistive touch screen with stylus

### Power Supply & Management

- 2200mAh 7.2V Li-Ion battery
- Full shift battery life (w/typical usage)
- Backup battery w/automatic charging for main battery hot swap
- Main battery low warning
- Active power management (configurable)

### 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 LEDs; Power status LEDs

### Radio Support

- 2.4GHz 802.11b/g
- Wi-Fi certified
- Internal diversity antenna
- WPA or WPA2 security
- Cisco® CCXv3 certified
- Bluetooth® 2.0 + EDR w/class 2 radio

### Enclosure

- Dimensions:  
8.8"x 3.4"x 2"  
(22.3cm x 8.6cm x 5cm)
- Weight  
21oz (595g) including radio, battery, and SR laser 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%  
RH non-condensing at 104°F (40°C)
- Drop specification  
5ft (1.5m) multiple drops to concrete (w/handle)  
6ft (1.8m) w/rubber boot accessory (w/o handle)

- Ingress protection enclosure rating: IEC 60529 compliant to IP65
- Vibration testing: Based on MIL STD 810F

### 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 version available

### Bar Code

- Standard Range Laser
- All-Range Laser (4 in. - 40 ft.)
- 1D and 2D Imagers
- Good Scan vibration signal and easy view scan LEDs
- Full symbology support

### Accessories

- Handle w/2-finger trigger, molded rubber grip, and wrist strap
- 4+1 Battery charger analyzer
- Nylon hand strap
- Nylon holster w/belt
- Nylon case w/shoulder strap
- Nylon voice application case w/belt
- Rubber protective boot
- Powered vehicle-mount cradle
- Powered desk-top cradle
- Passive cradle with RAM® Mount





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