

MX7



HANDHELD COMPUTERS

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 at distances from 4 in. - 40 ft.

Equipped with the cutting-edge Windows CE 5.0 OS.



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.

Light enough for picking, tough enough to survive.

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

Real-time communication via 802.11b/g radio.

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. And with the 802.11b/g radio, you're ready for real-time business opportunities 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 four years in a row.



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Technical Specifications



Processing & Memory

- Intel® XScale® PXA255 400MHz
- 128MB SDRAM
- 128MB SD Flash

Operating System

- Windows® CE 5.0
- 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
- SDK with Microsoft® & LXE APIs
- VoxBrowser™ for voice recognition

Keyboard

- 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

- Bluetooth (future)
- 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 security
- Optional Bluetooth radio w/internal antenna

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

Bar Code

- Standard Range Laser
- All-Range Laser (4 in. - 40 ft.)
- Linear 1D Imager
- Good Scan vibrator 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
- Passive cradle with available RAM® Mount option
- USB Client cable for ActiveSync + charging input
- RS-232 cable for ActiveSync + charging input
- AC/DC wall adapter for in-terminal charging
- RS-232 D9 printer adapter cable
- Audio headset adapter cable
- Touch screen protective film
- Replacement stylus

