

MX7

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

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

Light enough for picking, tough enough to survive.

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

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.

Removable, easy-grip handle with two-finger trigger and molded rubber grip designed 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 distribution centers. Designed for comfort, the MX7 is light enough for scan intensive picking applications yet tough enough to take a beating. With all-range scanning capabilities, operators will gain efficiency as the MX7 collects bar code data from 4in. to 40 ft. away. And for operators working in noisy environments, there's a Good Scan bar code vibration signal embedded in the rugged magnesium enclosure to verify successful scans immediately.

More than muscle, it's smart too

Don't let the rugged exterior fool you, the MX7 is engineered with intelligence, speed, and flexibility right to its core. Driven by the latest Windows® CE operating system and an Intel® XScale® PXA255 processor, the MX7 is ready to work. And with the 802.11b/g radio, you're prepared for the real-time business opportunities of today and tomorrow.



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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

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 45°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

