

MX7

LXE | WORX | Mobile computers



The MX7 is ideal for a variety of data collection applications in warehouses and distribution centres. 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 4" to 40' (10cm - 12m) 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.

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 and Bluetooth option, you're prepared for the real-time business opportunities of today and tomorrow.



SCANNING

The "All-Range" scanner collects bar code data from 12cm to 12m away. Scan confirmation by beep or vibration.

ALL-AROUND

Fits your needs as Handheld or Vehicle Mount, with 55 or 32 key backlit keypads and ToughTalk™.

RUGGED

IP 65-rated with up to 1.8m drop to concrete.



IP 65



1.5m
1.8m w/rubber boot



VOICE READY



www.lxe.com

MX7

TECHNICAL SPECIFICATIONS



PLATFORM

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

Display

- 3.5" (8.8cm) 240 x 320 1/4 VGA TFT colour LCD
- Bright LED backlight
- 280 NIT brightness
- Resistive touch screen with stylus

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

Power System & 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)

Enclosure

- Dimensions: 22.3cm x 8.6cm x 5cm
- Weight: 595g including radio, battery and SR laser scanner

CONNECTIVITY

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
- Browser for voice recognition

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

- 802.11a/b/g (2.4GHz)
- 802.11a/b/g (2.4GHz & 5GHz)
- 802.11b/g (2.4GHz) + Bluetooth
- 802.11a/b/g (2.4GHz + 5GHz) + Bluetooth
- Wi-Fi certified
- Internal diversity antenna
- WPA or WPA2 security
- Cisco® CCXv4 certified
- Bluetooth 2.0 + EDR w/class 2 radio

RUGGEDNESS

Environmental

- Temperature rating
Operating: -10°C to 45°C
Storage: -20°C to 70°C
- Humidity
Operating: 5% to 90% RH non-condensing at 40°C
- Drop specification
1.5m multiple drops to concrete (w/ handle)
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
- RoHS compliant

DATA CAPTURE

Bar Code

- Standard Range Laser
- "All-Range" Laser (4" - 40' / 10cm - 12m)
- 1D and 2D imager
- Good Scan vibrator signal and easy view scan LEDs
- Full symbology support

ACCESSORIES

- Handle w/2-finger trigger, moulded rubber grip, and wrist strap
- 4+1 Battery charger analyser
- 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 desktop cradle
- Passive cradle with RAM® Mount



Download accessory catalogue at www.lxe.com

LXE Inc.

Tel. +1-770-447 4224
E-mail info@lxe.com

LXE Europe

Tel. +32-15-29 28 20
E-mail RF4U@lxe.com

LXE Asia, Middle East

Tel. +65-6278 0593
E-mail info.singapore@lxe.com

LXE Belgium +32-15 29 28 20 – info.be@lxe.com • **LXE U.K.** +44-1844 34 65 76 – info.uk@lxe.com • **LXE Netherlands** +31-346 21 70 70 – info.nl@lxe.com
LXE Italy +39-02 21 87 10 99 – info.it@lxe.com • **LXE France** +33-1 41 47 99 99 – info.fr@lxe.com • **LXE Germany** +49-2461 690 450 – info.de@lxe.com
LXE Sweden +46-8 477 97 70 – info.se@lxe.com • **LXE Middle East** +971-4 395 4918 – info.middle-east@lxe.com • **LXE Singapore** +65-6278 0593 – info.singapore@lxe.com
LXE China +86 21 6124 9688 – info.china@lxe.com • **LXE Southern Europe** +34-645 256 344 – info.es@lxe.com • **LXE Eastern Europe** +49-374 15 23 031 – info.cee@lxe.com



www.lxe.com