

MX7

THE STRONGEST LINK IN THE SUPPLY CHAIN, RIGHT THERE IN THE PALM OF YOUR HAND.



LXE's most popular computer, the MX7, collects the data that helps products move from the warehouse to the consumer for some of the world's most recognized and respected companies. These companies trust the MX7 over the competition because it's light enough for scan-intensive picking, yet able to take a beating with a rugged IP-65 rating.

The MX7 goes even further, with a host of customer-focused, field-proven features. Keypads protect against airborne and spilled chemical agents, and are topped with epoxy coatings to fight wear. Electrical components are soldered and glued to printed circuit boards to better withstand drops and shocks. And that's just the start. These tough features can be deployed in a host of configurations, from voice-driven applications to vehicle mounts.

It's our flagship computer, and we believe it can be yours as well. Visit lxe.com/mx7 to see a product tour.



IP 65



-30°C



5ft
6ft w/ boot



VOICE READY



PROVEN

Mobile computer of choice in hundreds of world-class facilities

ALL-AROUND

Fits your needs as handheld, vehicle-mount, with 55 or 32 key backlit keypads and ToughTalk

RUGGED

IP 65-rated with up to 6' drop to concrete and available cold-storage configurations

MX7

TECHNICAL SPECIFICATIONS



PLATFORM

Processing & Memory

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

System

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

Display & Touch Screen

- 3.5" (88 mm) 240x320 ¼ VGA TFT color LCD
- 280 NIT LED backlit brightness
- Resistive touchscreen w/ stylus

Keyboard

- Backlit keys
- 55, 32 key options

- Alpha-numeric or numeric-alpha
- 5 dedicated function keys & user-defined function keys
- TN 5250 emulation overlay option on 55-key
- Epoxy-coated for resistance to abrasion

Power Supply

- Full shift battery life w/ typical usage (CS units temperature-dependent)
- Backup power for data retention
- Main battery low warning
- Active power management (configurable)

Enclosure

- Weight: 21oz (595g) w/ radio, battery, & SR laser scanner
- Dimensions: 8.8"x3.4"x2" (223mm x 86mm x 50mm)

ENVIRONMENTAL

- Operating temperature: 14° to +122°F (-10° 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 90% RH non-condensing at 104°F (40°C)
- Drop: 5 ft. (1.5m) multiple drops to concrete (w/ handle); 6 ft. (1.8m) w/ rubber boot accessory (w/o handle)
- Ingress Protection: IEC 60529 compliant to IP65
- MIL STD 810F
- Safety: UL 60950, CSA C22.2 No. 60950, EN 60950, IEC 60950
- Laser Safety: CDRH:21 CFR 1040.10, EN 60825-1 & IEC 60825-1
- Battery Safety: UL 2054, IEEE 1725
- Radio: FCC Part 15C, IC RSS210, 102, EN 300 328
- RoHS compliant version available
- Moisture: Maintain function at 85% relative humidity, IEC 68-2-30, Test Db.
- Vibration: Shall maintain function at random vibrations, EN 60068-2-64, Test FH
- Range of frequencies: 5 – 500 Hz
- Acceleration: 2g rms
- Conformity: CE, FCC & ETL

Approvals

- Emissions: (EMI) FCC Part 15, Subpart B, Class A; EN 55022, Class A (CISPR 22)
- Immunity: (EMC) EN 55024:1998

CONNECTIVITY

Optional Software

- WavelinkTE
- 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 & LXE eXpress Config

Interfaces

- USB Client

- RS-232
- In-terminal charging
- Audio for headset, voice recognition application certified
- Speaker w/ adjustable volume control
- Large scan status LEDs & power status LEDs

Radio Support

- 2.4GHz 802.11 b/g
- 2.4GHz/5.0GHz 802.11 a/b/g
- Internal diversity antenna
- Bluetooth® 2.0 + EDR
- WPA or WPA2 security
- Cisco® CCXv4 certified

DATA CAPTURE

Bar Code

- Base & standard range lasers
- All-range laser (4 in. - 40 ft.) (101mm - 12m)

- 1D & 2D Imagers
- Good scan vibration signal
- Easy view scan LEDs
- Full symbology support

CUSTOMIZATIONS

Accessories

- Handle w/2-finger trigger, molded rubber grip & wrist strap
- 4 Battery charger
- 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

- Passive cradle w/ RAM® Mount

Download full accessory brochure: lxe.com/mx7

Application Development

- Sample code for each API call
- Complete example applications
- Developer FAQs

Free SDK available: lxe.com/developer



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ORACLE PARTNER



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