

MX8 Compact, Rugged Handheld Computer



HANDHELD COMPUTERS

Compact, light-weight ergonomic design for extended hours of comfortable use.

Brilliant display and backlit keys designed for crystal-clear viewing even in dimly-lit areas.

Standard-range and 1D and 2D bar code support.

Removable, easy-grip handle with two-finger trigger and molded rubber grip for full-shift comfort.

Configured with market-leading Windows® CE 5.0 and an 802.11b/g WLAN radio for secure mobile connectivity.



Image capture for specialized materials management applications.

Multiple function keys with full, customizable keyboard mapping.

Scan status vibration confirms good/bad scan even in the noisiest environments.

Bluetooth 2.0 + EDR for wireless peripheral support.

Voice-ready with ToughTalk technology to support your voice-directed warehouse applications.

LXE is RUGGED RELIABLE MOBILE COMPUTERS.

Location, location, location

Ideal for a vast array of data-collection tasks: take the MX8 computer wherever you need it. From the rough neighborhoods of scan-intensive warehouse operations to the temperate climate of the retail storefront, the lightweight MX8 computer is right at home. It's engineered for all-day comfort yet tough enough to endure day-to-day operations. Best of all, this quality and durability is available at a great value.

The MX8 computer 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.

Built like a tiny brick house and smart as a whip

Look beyond the tough, eye-catching body and you'll find enough power to support your various application needs. You'll fancy the Windows® CE operating system, high-performance processor, 802.11b/g radio and the latest Bluetooth technology. It's so intelligent and sophisticated, you might want to take it home to meet mom.

And the MX8 computer is supported by LXE's award-winning support team, winners of the Mobile Star Award™ for best customer service six years in a row.



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MX8

Technical Specifications



Processing & Memory

- PXA270 520MHz
- 128MB SDRAM
- 128MB Flash
- 128MB, 512MB, or 1GB mini-SD card

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
- Multiple language OS support
- 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

- 32-key numeric-alpha
- Backlit keys
- Five dedicated function keys + user-defined function keys
- Full keyboard mapping support
- Abrasion resistance key coating

Display

- 2.8" 240x320 QVGA TFT color LCD
- 300 NIT brightness
- Resistive touch screen with stylus

Power Supply & Management

- 3000mAh 3.7V Li-ion battery
- Full-shift battery life (w/typical usage)
- Backup battery w/automatic charging for main battery hot-swap
- Main battery low warning
- Configurable active power management

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 LED
- Power status LED

Radio

- 802.11b/g, Wi-Fi certified radio
- 802.11a radio (future)
- Internal diversity antenna
- WPA or WPA2 security
- Bluetooth 2.0 + EDR

Enclosure

- Dimensions: 7.6" x 2.8" x 1.8" (19.3cm x 7.1cm x 4.6cm)
- Weight: 13.3 oz (377g) including radio, battery, and 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 95% non-condensing at 104°F (40°C)
- Drop specification
4ft multiple drops to concrete (w/handle)
- Tumble: 500, 0.5m
- Ingress protection enclosure rating: IEC 60529 compliant to IP54

- Vibration testing: Based on MIL STD 801F

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

Bar Code

- Standard Range Laser
- 1D and 2D Imagers
- Scan status vibration feedback and easy view scan LED

Accessories

- Trigger handle
- USB and RS-232 adapter cables
- Protective boot
- Desktop cradle with spare battery charging
- Passive vehicle cradle
- 4-slot battery charger
- Carry case for MX8 without handle
- Carry case for MX8 with handle
- Holster for MX8 without boot or handle
- Holster for MX8 with handle
- Holster for MX8 with boot and handle

