MX8 Compact, Rugged Handheld Computer

HANDHELD COMPUTERS

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

Now Available with Windows® Mobile 6.1 or Windows® CE 5.0

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

Bluetooth® 2.0 + EDR for wireless peripheral support.

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

Image capture for specialized materials management applications.

Choice of keypads:
• 32-key alpha-mode or
• 32-key numeric-alpha (right)

Multiple function keys with full, customizable keyboard mapping.

32-key numeric-alpha

Compact, lightweight ergonomic design for extended hours of comfortable use.

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

LXE is_RUGGED MOBILE COMPUTERS.

Multi-Modal and Multi-Use

Ideal for a vast array of data collection tasks - take the MX8 wherever you need it. Whether used for voice and/or scanning in challenging warehouse environments or in the storefront for retail inventory, 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.

You Choose - Windows® Mobile 6.1 or CE 5.0

Look beyond the tough, yet ergonomic exterior and you'll find enough power to support all of your application needs. You'll fancy either Windows Mobile 6.1 or CE 5.0 operating systems, high-performance processor, 802.11a/b/g radio and the latest Bluetooth® technology.

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.

LXE®

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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® Mobile 6.1
- 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 alpha-mode and numeric-alpha keypad options
- Backlit keys
- Five dedicated function keys + user-defined function keys
- Full keyboard mapping support
- Abrasion resistance key coating

Display

- 2.8" (71mm) 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/b/g radio
- Internal diversity antenna
- WPA or WPA2 security
- Bluetooth® 2.0 + EDR
- Cisco CCXv4 Certified

Enclosure

- Dimensions: 7.6"x 2.8"x 1.8" (193mm x 71mm x 46mm)
- 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 (1.2m) 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 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
- RoHS-compliant

Bar Code

- Base and 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