

MX7CS

Cold-Storage Handheld Computer



Operating temperature as low as
-22° F (-30° C).

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

Boasting all-range scanning capabilities, the MX7CS captures bar code data from 4 in. - 40 ft.

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

Equipped with the market-leading Windows CE 5.0 OS.

High-performance 802.11a/b/g radio, with Bluetooth® option for mobile connectivity.



HANDHELD COMPUTERS

Heated display and scan window for frost-free operation in refrigerated environments.



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 noisy environments.

Backlit keyboard also comes in 55-key keypad option.

Light enough for picking, tough enough to survive.



LXE is RUGGED MOBILE COMPUTERS

Optimized for your cold storage facility

The MX7CS rugged handheld computer is built for your freezer and cold storage applications. Designed with low-temperature batteries, specialized heaters, and conformal coating, the MX7CS unit adapts easily from the freezing temperatures of your cold-storage facility to warmer staging and dock areas - even in the hot summer months. This smooth, condensation-free transition will allow your operators to increase productivity. And they'll appreciate the all-around functionality of the MX7CS computer: its light-weight design offers all-day comfort, while its backlit keys provide keyboard visibility in dark freezers.

Performance and power

The MX7CS computer is engineered with intelligence, speed, and flexibility. Driven by a Windows® CE operating system and an Intel® XScale® processor, the MX7CS is powerful. With its 802.11a/b/g radio, and Bluetooth® capability you're ready for almost anything... anywhere.

And the MX7CS computer is supported by LXE's award winning support team, winners of the Mobile Star Award™ for best customer service in the industry six years in a row.



MX7CS

Technical Specifications



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

Optional Software

- RFTerm® (TN5250, TN3270, VT220)
- AppLock utility controls user application access & unwanted configuration changes
- Java Virtual Machine
- Asian character sets
- Voice-recognition software
- 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
- Example applications
- Developer-related FAQs

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

Display

- 3.5" (8.8cm) 240 x 320 ¼ VGA TFT color LCD
- Bright LED backlight
- 280 NIT brightness
- Resistive touch screen with stylus
- Heater with thermostat control

Power Supply & Management

- Low-temperature 7.2V Li-Ion battery
- Full-shift battery life (depends on usage and temperature)
- Backup power with automatic charging for main battery hot swap
- Main battery low warning
- Active power management (configurable)

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 Support

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

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: -22°F to 122°F (-30°C to 50°C)
Storage: -4°F to 158°F (-20°C to 70°C)
- Humidity
Operating: 5% to 100% RH condensing (conformal coated electronics)
- 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
- RoHS-compliant version available

Bar Code

- Standard-Range Laser
- All-Range Laser (4 in. - 40 ft.)
- 1D and 2D Imagers
- Scan status vibration feedback and easy view scan LED
- Multiple symbology support
- Heater with thermostat control

Accessories

- Handle w/ 2-finger trigger, molded rubber grip, and wrist strap
- 4+1 Battery charger analyzer
- Nylon case w/ shoulder strap
- Nylon voice application case w/ belt
- Rubber protective boot
- Powered vehicle-mount cradle
- Powered desk-top cradle
- Passive cradle with RAM® Mount
- Nylon holster w/belt
- Nylon hand strap





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