

# MX7CS

## for Cold Storage

VOICE  
READY



### HANDHELD COMPUTERS

- Operating temperature as low as -30°C.
- Brilliant display offers crystalclear viewing even in dimly-lit corners of your warehouse.
- The MX7 captures bar code data from 10cm to over 12m (4 in. - 40 ft.)
- Removable, easy-grip handle with twofinger 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.



- 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.
- Scan vibration feedback confirms data collection in noisy environments.
- Backlit keyboard also comes in 55-key keypad option.

LXE is RUGGED MOBILE COMPUTERS AND SECURE WIRELESS NETWORKS.

#### 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 storage areas 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 XScale® processor, the MX7CS is powerful. With its 802.11a/b/g radio, and Bluetooth® capability you're ready for almost anything... anywhere.



[www.lxe.com](http://www.lxe.com)

# MX7CS

## Technical Specifications



### Processing & Memory

- 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
- Wavelink Avalanche™ and LXE eXpress Config compatible

### Application Development

- Free SDK available through LXE's Developer Portal: [www.lxe.com/developer](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
- Abrasion resistance key coating

### Display

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

### Power System & Management

- Low-temperature 7.2V Li-Ion battery
- Full shift battery life (depends on usage and temperature)
- 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

- 2.4GHz 802.11a/b/g, Wi-Fi certified
- Internal diversity antenna
- WPA or WPA2 security
- Cisco® CCXv3 certified
- Bluetooth® 2.0 EDR class 2

### Enclosure

- Dimensions: 8.8"x 3.4"x 2" (22.3cm x 8.6cm x 5cm)
- Weight: 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 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

### Bar Code

- Standard-Range Laser
- All-Range Laser 10cm to over 12m (4 in. - 40ft)
- 1D and 2D Imagers
- Scan 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



#### LXE Inc.

125 Technology Parkway - Norcross - Georgia 30092 - USA  
Tel. +1-770-447 4224 - Fax +1-770-447 4405  
E-mail [info@lxe.com](mailto:info@lxe.com)

#### LXE International

Generaal de Wittelaan 19-14 - 2800 Mechelen - Belgium  
Tel. +32-15-29 28 20 - Fax +32-15-20 71 54  
E-mail [RF4U@lxe.com](mailto:RF4U@lxe.com)

LXE Belgium +32-15 29 28 20 - [info.be@lxe.com](mailto:info.be@lxe.com) • LXE U.K. +44-1494 46 46 80 - [info.uk@lxe.com](mailto:info.uk@lxe.com) • LXE Netherlands +31-346 21 70 70 - [info.nl@lxe.com](mailto:info.nl@lxe.com)  
LXE Italy +39-06 91 80 14 82 - [info.it@lxe.com](mailto:info.it@lxe.com) • LXE France +33-1 41 47 99 99 - [info.fr@lxe.com](mailto:info.fr@lxe.com) • LXE Germany +49-2461 690 450 - [info.de@lxe.com](mailto:info.de@lxe.com)  
LXE Sweden +46-8544 445 50 - [info.se@lxe.com](mailto:info.se@lxe.com) • LXE Australia +61-29438 4324 - [info.au@lxe.com](mailto:info.au@lxe.com) • LXE Middle East +971-4395 4918 - [info.middle-east@lxe.com](mailto:info.middle-east@lxe.com)  
LXE Singapore +65-6278 0593 - [info.singapore@lxe.com](mailto:info.singapore@lxe.com) • LXE China +86 21 6124 9688 - [info.china@lxe.com](mailto:info.china@lxe.com)

Published by LXE International. Specifications are subject to change without notice. All names, products and services mentioned are trademarks of their respective organisations.