

MX7CS

for Cold Storage

VOICE
READY



- 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.



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.
- 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

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
- 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



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