MX7CS

Cold-Storage Handheld Computer

VOICE READY

HANDHELD COMPUTERS

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.

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

CISCO™ Compatible

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.

LXE®

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