

MX3-CE

Hand-held Computer

INDUSTRIAL ERGONOMICS

The MX3-CE is the latest in LXE's advanced line of rugged mobile computers. It's ergonomic H/PC form factor and Windows® CE 3.0

operating system provide for a broad range of mobile logistics and computing applications. The LXE® MX3-CE utilizes Intel® SA-1110 RISC architecture, and supports both IEEE 802.11b and OpenAir™ compliant 2.4GHz LAN radio networks.

WINDOWS CE 3.0 OPERATING SYSTEM

The MX3-CE takes full advantage of Microsoft's® Windows CE development tools including Visual Basic and Visual C++ to greatly simplify the application development process. The powerful

SA-1110 RISC processor and industry standard Microsoft Windows CE operating system ensure a mobile logistics computing solution designed to manage the needs of today's mobile enterprise.

CONVENIENT HORIZONTAL FORM FACTOR

The half-VGA horizontal form factor of the MX3-CE offers superior usability as a hand-held product, and also doubles as a convenient vehicle-mounted unit. The unit's

specially designed docking system allows it to be used in either form with equal ease. The keypad offers 101 key support with a full alphanumeric QWERTY layout.

FLEXIBLE DESIGN

The new MX3-CE is built for use in demanding environments. Utilizing the features of Windows CE, the MX3-CE offers an Instant-On Feature, Graphical User Interface, Pocket Internet Explorer, and a

custom line of accessories: including vehicle and desk cradles, numerous carrying options (hand strap, hip-flip, case with shoulder strap), a six-unit battery charger, and more....

FULL-SHIFT BATTERIES

Utilizing the Windows CE operating system and ultra-low-power CPU components, the MX3-CE's enhanced power management features derive maximum productivity from the long

life, Li-Ion battery pack. With in-unit battery charging, full shift operations can be maintained, even in the most remote locations.



TECHNICAL SPECIFICATIONS

MX3-CE Hand-held Computer

Processing & Memory

Intel® SA-1110™ (133Mhz)
32MB SDRAM
16MB Flash

Operating Systems

Windows CE™ 3.0

Keyboard

63 Keys
QWERTY Format
(Coated for resistance to abrasions and chemicals)
Phosphorescent keys
101 Key support

Display

640 x 240 VGA LCD
16 grayscale
Transflective monochrome backlit
Diagonal viewing area (6")
0.22mm dot pitch
Touch-Screen

Power Supply & Management

10.8V, 1400mAh Li-Ion battery pack
8+hour battery life (with typical usage)
Backup battery with automatic charging
Main battery low warning
Active power management (configurable)

Interfaces

RS-232 serial (end cap options)
USB (end cap options)
Infrared communications port (standard)
IRDA compliant
Beeper with adjustable volume control
Headset/Microphone Jack
Power Jack

Expansion

One PCMCIA V.2.1 slot Type I, II, III
One Compact Flash Slot Type I or II

Radio Card Support - PCMCIA

2.4GHz DSSS (802.11b)
Up to 11 Mbps at 2.4GHz
35 mW at 2.4GHz
Internal antenna
2.4GHz FHSS (OpenAir™)
1.6 Mbps at 2.4GHz
100 mW at 2.4GHz
Internal antenna

Enclosure

Size
8 in. x 6 in. x 1.35 in.
(203mm x 152mm x 34mm)
Weight
30.8 oz. (869g) including
radio, battery, and scanner

Environmental

Storage temperature range
-22°F to 158°F (-30°C to 70°C)
Operating temperature range
-4°F to 122°F (-20°C to 50°C)
Humidity (operating)
5% to 90% RH non-condensing at
104°F (40°C)
Drop specification
4-foot multiple drops to concrete
Ingress protection enclosure rating
IEC 60529 compliant to IP 66
Sealed against water jet streams and dust
Compact end caps available for use in
ordinary locations
Vibration testing
Based on MIL STD 810D

Approvals

Emissions (EMI)
FCC Part 15 Subpart B, Class A
Industry Canada ICES-003 Class A
EN 55022:1998, Class A
Immunity (EMC)
EN55024:1998
Safety
UL 1950, CSA 22.2 No. 950, EN 60950
IEC 950
Laser Safety
CDRH:21 CFR 1040.10 and 1040.11,
EN 60825-1 and IEC 825-1
Radios separately approved to
FCC Part 15 Subpart C
Industry Canada RSS 102, RSS 139
and/or 210
R&TTE Directive: ETS 300 328, ETS 300
826, EN 60950

Bar Code Symbologies

Code 39, Interleaved 2 of 5
UPC-A, UPC-E, Code 128
Plessey, EAN-8 and EAN-13,
Code 93 and Codabar

End Cap Options

End cap with 2 RS-232 ports
End cap with 1 RS-232 port
and integrated SR Scanner
End cap with 1 RS-232 port and USB port
End cap with 1 USB port
and integrated SR Scanner

Accessories

6-unit charger
AC & DC adapters
Tethered scanners
Hand strap
Nylon hip flip with belt
Nylon case with shoulder strap
Nylon adjustable holster
Vehicle and tabletop charging
& communication cradles
PCMCIA Memory Cards
Compact Flash Memory and Hard Disk Cards
Headset with Microphone
USB Interface Cable
Tethered Stylus

