MX2
Hand-held Computer

INDUSTRIAL ERGONOMICS

LXE's latest in an advanced line of rugged mobile computers, the MX2 provides greater efficiency and productivity, with excellent ergonomics, at a competitive price. The MX2 is designed specifically for durability and ruggedness in a wide variety of wireless mobile data computing applications, including logistics, manufacturing, retail, and warehouse environments.

INDUSTRY STANDARD PLATFORM

The MX2 offers powerful AMD® 486 computing, LXE 2.4GHz OpenAir™ and IEEE 802.11b PCMCIA radio support, all in a lightweight and very ergonomic design. LXE's MX2 provides open standards that allow use of standard DOS applications and existing software development tools to simplify the application development process.

The MX2 provides an ideal batch collection solution, and excels in data collection over wide on-campus areas where physical distances prohibit hard wiring or when real-time information is critical. LXE's MX2 offers ease of use that enables these portable data collection terminals to integrate seamlessly into the supply-chain systems of companies large and small.

EASY TO USE KEYBOARD

The MX2 features a large graphic LCD display and 38-key alphanumeric keypads with single- and double-click alpha access, five dedicated, plus five shifted function keys, and Western European character support. In addition, the tactile response keypad is specially coated to resist abrasion and damage from harsh chemicals.

MODULAR DESIGN

The MX2 can be ordered with an integrated handle and includes multiple integrated scanner options to meet each individual application's requirements. The MX2 also supports both batch applications with software development tools, as well as LXE's radio-enabled RF ANSI, TN5250, and TN3270 terminal emulation software with panning support to a full virtual screen. No other wireless hand-held computer gives you as much flexibility.

LXE®

Building the Mobile Enterprise™

TECHNICAL SPECIFICATIONS

MX2 Hand-held Computer

Processing & Memory

AMD ELAN® Am486™ SC400
8 MB Dynamic RAM
2 MB Flash

Operating Systems & Emulations

ROM-DOS™ 6.22
Emulations
    ANSI, TN3270, TN5250

Keyboard

38-key alphanumeric keypad
Single- and double-click alpha access
5 dedicated function keys, 5 shifted
Western-European character support

Display

Super-twist graphics LCD
Backlight with programmable timeout
128 x 160 pixels plus 8 on-screen icons

Power Supply & Management

1600 mAh NiMH battery pack
Lithium backup battery with automatic
    charging
Main battery low warning (display icon)
Sleep/off mode with programmable timeout

Interfaces

Infrared communications port (standard)
Speaker with adjustable volume control

Expansion

Internal PCMCIA Type I/II

Radio Card Support - PCMCIA[1]

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

Length 7.8 in. (198mm)
Width at display 3.4 in. (86mm)
Width at grip 2.5 in. (64mm)
Height at grip 1.4 in. (36mm)
Weight (includes battery pack)
    No radio, no laser 11.5 oz. (325g)
    No radio, w/laser 11.7 oz. (330g)
    Radio, no laser 12.7 oz. (360g)
    Radio, w/laser 12.9 oz. (365g)

Environmental

Operating temperature range
    -10°C to 50°C (14°F to 122°F)
Storage temperature range
    -20°C to 70°C (-4°F to 158°F)
Humidity (operating)
    5% to 95% RH non-condensing
Drop specification
    4-foot multiple drops to concrete
Sealed to IP54
Chemical resistant

Approvals

Emissions (EMI)
    FCC Part 15 Subpart B, Class A
    Industry Canada ICES-003 Class A
    EN 55022:1998 Class A
Immunity (EMC)
    EN 55024:1998
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: EN 300 328,
    EN 300 826, EN 60950

Bar Code Symbologies

Auto discriminates between
all symbologies listed
Ames
Codabar
Code 11
Code 39
Code 39 full ASCII
Code 93
Code 128
EAN-8/JAN-8
EAN-13/JAN-13
Interleaved 2 of 5
ISBN conversion
Label Codes 4/5
Matrix 2 of 5
MSI/Plessey
Standard 2 of 5
UCC/EAN 128
UPC A/E
UPC/EAN/JAN extensions

Accessories

Dock, single-slot
Dock power supply (110V)
Dock power supply (220V)
Dock serial cable (9 PIN & 25 PIN)
NiMH battery
Single-slot battery charger (110V)
Single-slot battery charger with Europe
    (220V)
Single-slot battery charger with IEC 320
    (220V)
Four-slot battery charger with PS, US cord
Four-slot battery charger with PS, Europe
Holster
Soft case
Holder, vehicle, non-powered
Configuration utility
Developer's tool kit
Universal program generator

1. Non-U.S. frequencies, data rates, and power
   levels vary by country.

CE

COMPLEMENTARY SOFTWARE™
SAP
PROGRAM

COMPLIES WITH
21 CFR 1040.10   EN60825-1:1994   IEC825-1:1993

LASER LIGHT - DO NOT
STARE INTO BEAM
CLASS 2 LASER
PRODUCT
1.0mW - 640 - 660nm

LXE®

125 Technology Parkway
Norcross, GA30092
Ph: 770-447-4224 Fax: 770-447-4405
www.lxe.com

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