

MX3Plus

Vivid Display Handheld Computer



- Customise the unit with multiple endcap options.
- Improve productivity with full-shift Li-Ion battery.
- Polycarbonate/ABS plastic – absorbs impact vs. shattering on impact.
- Fully-rugged, epoxy coated, glowing QWERTY keypad with programmable keys makes data entry a breeze.
- Large 6.5" high-visibility colour display with touch screen.
- With an easy in/out docking system, the MX3Plus conveniently transforms between handheld & vehicle mount usage.



HANDHELD COMPUTERS

- Ten dedicated function keys allow for one touch application functionality.
- Voice ready with ToughTalk™ technology for your voice directed logistics applications.
- High performance 802.11a/b/g radio for secure mobile connectivity to your enterprise network.
- Optional indoor or full sunlight displays for crystal-clear viewing.

LXE is RUGGED MOBILE COMPUTERS AND SECURE WIRELESS NETWORKS.

Brilliant power-packed unit with flexible features

The MX3Plus mobile computer offers a bright future for your operators - literally. With active display technology options this computer can be customised for easy viewing in dimly lit warehouses or outdoors. It is equipped with a powerful Intel® XScale® processor, and runs the industry standard, Windows® CE .NET or Windows® CE 5.0 Professional OS. The MX3Plus computer ships voice ready with ToughTalk™ technology, a specialised combination of LXE's trademark rugged system design, advanced audio circuitry and noise cancelling techniques.

Rugged and reliable by design

The MX3Plus computer is fully rugged and able to thrive in the most demanding operating conditions. You can drop it, hose it down, freeze it and still expect years of reliable service from this versatile compact computer.



www.lxe.com

MX3Plus

Technical Specifications



Processing & Memory

- Intel® XScale® PXA255 400MHz CPU
- 128MB RAM and 128MB Flash Software
- Windows® CE 5.0 Professional w/Compact Framework
- AppLock utility controls user application access & unwanted configuration changes
- Barcode wedge, RF, power mgmt & diagnostic utilities

Optional Software

- RFTerm® Windows CE® Terminal Emulations (VT220, TN5250, TN3270) multisession, multi-host hot-key support, with programmable function keys
- Unique keyboard overlays to match each emulation type
- VoxBrowser™ for voice recognition
- Wavelink Avalanche™ and LXE eXpress Config compatible
- Personal JAVA 1.2 JVM

Application Development

- Free SDK available through LXE's Developer Portal www.lxe.com/developer
- Sample code for each API call
- Complete example applications
- Developer related FAQs

Keyboard

- 63 Key QWERTY format with (2) large user mappable scan keys
- 10 single touch function keys
- Phosphorescent "glowing" keys
- Epoxy coated for resistance to abrasions & chemicals

Displays & Touch Screen

- 6.5" diagonal 640 x 240 1/2 VGA color LCD
- Fully adjustable contrast & brightness
- Resistive touch screen with anti-glare coating & tethered stylus
- Options:
Indoor hi-bright (350 NIT) active colour matrix LCD display

Sunlight readable transfective active colour matrix LCD display with rugged LED backlighting

Power Supply & Management

- 10.8V, 2100mAh Li-Ion battery pack
- 8+ hour battery life with typical usage
- Battery charge time (typical)
5-unit charger: 4 hours
Cradle: 6.5 hours
- Backup battery with automatic charging
- Power jack for external power
- Fully configurable active power management

Interfaces (end cap)

- Combo / Options
- (2) RS-232 port (D9) with configurable power for external devices
- (1) USB host port (D9)
- (1) USB client port (D9)
- Integrated bar code scanner
- Infrared (IR) communications port
- 2.5mm audio/microphone jack

Expansion

- (1) PCMCIA V.2.1 slot Type I, II, III
- (1) Compact Flash Slot Type I or II

Radio Card Support - PCMCIA

- 2.4GHz 802.11b/g radio
- 2.4/5GHz 802.11a/b/g radio
- Optimised internal diversity antenna
- External antenna option
- WPA or WPA2 security
- Cisco® CCXv4 certified
- Bluetooth

Enclosure

- High impact polycarbonate/ABS plastic
- Available in yellow and black
- Size: 8 in. x 6 in. x 1.89 in.
(203mm x 152mm x 48mm)
- Weight: 37.75 oz. (1071g) including radio, battery, & scanner

Environmental

- Operating temperature range
-4°F to 122°F (-20°C to 50°C)
- Storage temperature range
-4°F to 158°F (-20°C to 70°C)
- Humidity (operating)
5% to 90% RH non-condensing
- Drop spec: 4-ft multiple drops to concrete
- Dust & water protection enclosure rating
IEC 60529 compliant to IP66
- Shock testing exceeds MIL STD 810F

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
- 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
- Industry Canada RSS 102, RSS 139
and/or 210
- R&TTE Directive: ETS 300 328, ETS 300
826, EN 60950
- RoHS compliant

Accessories

- Protective rubber boot (black or yellow)
- 5-unit battery charger
- Vehicle cradle with power supply
- Voice headset and carry cases
- Power adapters
- Nylon cases and holsters
- Desktop cradle

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