

# MX3Plus

## Horizontal Handheld Computer

LXE | WORX | Mobile computers



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.

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.



### VIVID DISPLAY

Large 6.5" high-visibility colour display with touch screen. Optional indoor or full sunlight displays for crystal-clear viewing.

### HANDHELD / VEHICLE MOUNT USAGE

With an easy in/out docking system, the MX3Plus conveniently transforms between Handheld and Vehicle Mount usage.

### DATA ENTRY

Fully-rugged, epoxy coated, glowing QWERTY keypad with programmable keys makes data entry a breeze. Ten dedicated function keys allow for one touch application functionality. Voice ready with ToughTalk™ technology for your voice directed logistics applications.

 OUTDOOR DISPLAY

 IP 66

 1.2 m

 VOICE READY

**LXE**<sup>®</sup>

 **Solutions**  
Gamma Solutions Pty. Ltd.  
*We keep your business logistics buzzing*

# MX3Plus

## TECHNICAL SPECIFICATIONS



### PLATFORM

#### 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

#### 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

#### Display & Touchscreen

- 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 System & 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

#### Enclosure

- High impact polycarbonate/ABS plastic
- Available in yellow and black
- Size: 203mm x 152mm x 48mm
- Weight: 1071g including radio, battery & scanner

### CONNECTIVITY

#### Software

- Barcode wedge, RF, audio mixer, power management and diagnostic utilities
- SDK with Microsoft® & LXE APIs
- Support VoIP (PTT) and voice recognition software

#### 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

#### Expansion

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

#### 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

#### 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

### RUGGEDNESS

#### Environmental

- Operating temperature range -20°C to 50°C
- Storage temperature range -20°C to 70°C
- Humidity (operating) 5% to 90% RH non-condensing
- Drop spec: 1.2m 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

Download accessory catalogue at [www.lxe.com](http://www.lxe.com)



**LXE AMEA**  
60 Alexandra Terrace, #03-23  
The Comtech  
Singapore 118502  
Phone: +65 6278 0593  
E-mail: [info.singapore@lxe.com](mailto:info.singapore@lxe.com)  
[www.lxe.com](http://www.lxe.com)



**LXE Gamma Solutions Pty. Ltd.**  
Office in Melbourne, Sydney,  
Brisbane, Adelaide & Perth  
Phone: 13 000 GAMMA (1300 042 662)  
[www.gamm solutions.com](http://www.gamm solutions.com)