

Marathon™

PRELIMINARY INFORMATION

LXE | **HANDHELDS** | Field Computers



For the workforce on the road, the successful execution of each assignment in their daily to-do-list is vital. Any inaccurate delivery, any late intervention, any incorrect assessment of the situation, any wrong decision made in the field can cause a devastating setback.

The Marathon™ Field Computer from LXE combines all of the mission-critical features and connectivity mobile workers need to perform successfully while operating outdoor.

Combining unsurpassed ergonomics, “anywhere” connectivity, extreme ruggedness and superior performance, LXE’s Marathon™ represents the new benchmark in mobile computers for field applications.



PERFORMANCE

Intel® Atom Z530 1.6GHz processor with up to 2GB RAM

RUGGEDNESS

IP 65-rated with up to 1.2m drop to concrete and MIL-STD-810F vibration rated

ERGONOMICS

- Easy input: touch screen or QWERTY keyboard with large keys
- Lightweight: less than 1 kg
- Small in size: 206mm x 197mm x 33mm

 OUTDOOR DISPLAY

 GPS

 IP 65

 BIOMETRIC READER

 WWAN RADIO

 2MP CAMERA

LXE®

www.lxe.com

TECHNICAL SPECIFICATIONS

PLATFORM

Processing & Memory

- Intel® Atom Z530 1.6GHz
- 1GB or 2GB DDR2 SDRAM

System

- Windows® XP Pro
- Windows® 7 Pro
- Windows® Embedded Standard (WES)

Hard Drives

- 8GB, 16GB, 32GB & 64GB solid state drives

Display & Touch Screen

- 7" (18 cm) WVGA (800x480) display
- Standard 320 NIT indoor display
- Display for outdoor applications
- 4-wire resistive touch screen

Power Supply & UPS

- Integrated Li-ION primary battery, 2.5-hr life
- Optional secondary batteries for 6- & 10-hr operation

Enclosure

- High-strength magnesium housing
- Weight: 0.99kg w/ integrated battery
- Dimensions:
206mm x 197mm x 33mm w/ integrated battery

DATA CAPTURE

Barcode

- Optional 2D imager

Camera

- 2Mp colour autofocus camera

Magnetic Stripe Reader

- Optional magnetic stripe reader

CONNECTIVITY

Optional Software

- Freefloat Terminal Emulator
- Barcode Wedge
- On-screen soft keyboard

Interfaces

- Full QWERTY keyboard w/ number pad
- Integrated fingerprint reader w/ mouse
- 2 USB high-speed host ports
- Power for in-terminal charging
- Audio for headset
- Dual speakers w/ adjustable volume control
- Integrated microphone
- External docking connector
 - 2 USB high-speed host ports
 - External WWAN radio & GPS antenna ports
 - RS-232
 - VGA expansion port
 - Power input for in-terminal charging

- LEDs
 - Radio status
 - Solid state disk drive status
 - Power status

Radio Support

- WLAN: 802.11 a/b/g/n
- WPA and WPA2 security
- Bluetooth 2.1+EDR
- Optional Gobi WAN Radio
 - UMTS/HSPA 3.75G Release 6
800, 850, 900, 1900 & 2100 MHz bands
GSM/GPRS/EDGE compatible
ATT approval for US applications
GCF approval for worldwide apps
 - CDMA EV-DO Release A
800 & 1900 MHz bands
Verizon approvals for US applications
 - AGPS included
- Internal antennas

ENVIRONMENTAL

- Ingress Protection: IEC 60529 compliant to IP65
- Drop: 1.2m multiple drops to concrete
- Operating temperature: -20° to +50°C
- Storage temperature: -30° to +60°C

Approvals

- Emissions: FCC & ETSI
- Immunity: ETSI
- Safety:
 - UL 60950-1, CSA C22.2 No. 60950-1, EN 60950, IEC 60950
- Battery Safety:
 - UL 2054, IEEE 1725
- Radio:
 - FCC Part 15C, IC RSS210, 102, EN 300 328, China SRRC, Singapore IDA, Malaysia SIRIM
- Radio Safety:
 - FCC OET Bulletin 65, IC RSS 102, EN 50360
- RoHS compliant

ACCESSORIES

Desktop cradle

- 2x USB high-speed host ports
- Ethernet, RJ-45
- VGA expansion port
- Power input for in-terminal charging

Vehicle cradle

- 2x USB high-speed host ports
- Ethernet, RJ-45

- External WWAN radio & GPS antenna ports
- RS-232
- VGA expansion port
- Power input for in-terminal charging

Carry solutions

- Hand strap
- Shoulder strap
- Carry case

Developers

- Free SDK available at lxe.com/developer

Download accessory catalogue at www.lxe.com



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