

TECTON™

LXE | WORX | Mobile Computers



The Tecton™ warehouse computer, the successor of LXE's MX7, provides a solution for everyone inside the four walls. Its auto-range scanner can capture data from 10cm to 12m away, and its bright display and backlit keyboard provide exceptional reading capabilities. The Tecton's removable pistol grip can be easily fitted for extra comfort during scan-intensive applications.

The Tecton's PXA320 806 MHz processing power is dedicated to offering an impressively fast response time, whatever back-office system you're running – WMS, middleware or ERP.

The Tecton™ features LXE's legendary ruggedness. It is fully IP65 rated, drop-tested to 1.5 metres and rubber boot drop tested to 1.8 metres, while its keypad is topped with an epoxy coating to fight wear and protect against airborne and spilled chemical agents. The options for deploying the Tecton™ are practically limitless, with LXE's ToughTalk™ technology for voice-driven applications, available vehicle mounts, and a host of other accessories, all backward compatible for existing installations.

If you are looking for a mobile computer that's completely focused on no-nonsense functionality, together with speed, toughness and user comfort; choose the Tecton™ from LXE.



SPEED

PXA320 806MHz processor enhances productivity & contributes to ROI

FLEXIBILITY

Fits your needs as Handheld or Vehicle Mount, with 55 or 32 key backlit keypads and ToughTalk™

STRENGTH

IP 65-rated with up to 1.8 metres drop to concrete and available cold-storage configurations



IP 65



1.5m
1.8m w/rubber boot



VOICE READY



TECTON™

TECHNICAL SPECIFICATIONS



PLATFORM

Processing & Memory

- PXA320 806 MHz
- 256MB SDRAM
- 256MB Flash
- 1GB or 4GB SD card

Operating System

- Windows Embedded Compact (Win CE 6.0)
- Windows Embedded Handheld (Win Mobile 6.5)
- Non-volatile storage of resident drivers, applications & settings

Display

- 3.5" (8.8cm) 240 x 320 1/4 VGA TFT colour LCD
- Bright LED backlight
- 280 NIT brightness
- Resistive touch screen with stylus

Keyboard

- Backlit keys
- 55, 32 key options
- Alpha-numeric, or numeric-alpha
- Five dedicated function keys + user defined function keys
- Full keyboard mapping support
- TN5250 emulation overlay option on 55 key
- Keys are coated for resistance to abrasion

Power System & Management

- 2200mAh 7.2V Li-Ion battery
- Full shift battery life (w/typical usage)
- "Supercap" capacitor for main battery hot swap
- Main battery low warning
- Active power management (configurable)

Enclosure

- Dimensions: 22.3cm x 8.6cm x 5cm
- Weight: 595g including radio, battery and SR laser scanner

CONNECTIVITY

Optional Software

- RFTerm® (TN5250, TN3270, VT220)
- Wavelink TE
- AppLock utility controls user application access & unwanted configuration changes
- Asian character sets
- SDK with Microsoft & LXE APIs
- Voice recognition

Interfaces

- USB Client
- RS-232
- Power for in-terminal charging
- Audio for headset, voice recognition application certified
- Speaker with adjustable volume control
- Large scan status LEDs
- Power status LEDs

Radio Support

- 802.11a/b/g (2.4GHz + 5GHz)
- Wi-Fi certified
- Internal diversity antenna
- WPA or WPA2 security
- Cisco® CCXv4 certified
- Bluetooth 2.0 + EDR w/class 2 radio

RUGGEDNESS

Environmental

- Temperature rating
Operating: -10°C to 50°C
Storage: -20°C to 70°C
- Humidity
Operating: 5% to 90% RH non-condensing at 40°C
- Drop specification
1.5m multiple drops to concrete (w/ handle)
1.8m w/rubber boot accessory (w/o handle)
- Ingress protection enclosure rating: IEC 60529 compliant to IP65
- Vibration testing:
Based on MIL STD 810F

Approvals

- Emissions (EMI)
FCC Part 15 Subpart B, Class A
EN 55022, Class A (CISPR 22)
- Immunity (EMC)
EN 55024:1998
- Safety
UL 60950, CSA C22.2 No. 60950, EN 60950, IEC 60950
- Laser Safety
CDRH:21 CFR 1040.10, EN 60825-1 and IEC 60825-1
- Radio
FCC Part 15C
Industry Canada RSS 210, 102
- RoHS compliant

DATA CAPTURE

Bar Code

- Base Laser SE955E
- Standard Range Laser SE955I
- "All-Range" Laser (4" - 40' / 10cm - 12m)
- 1D and 2D imager
- Good Scan vibrator signal and easy view scan LEDs
- Full symbology support

ACCESSORIES

- Handle w/2-finger trigger, moulded rubber grip, and wrist strap
- 4 Bay Battery charger
- Nylon hand strap
- Nylon holster w/belt
- Nylon case w/shoulder strap

- Nylon voice application case w/belt
- Rubber protective boot
- Powered vehicle-mount cradle
- Powered desktop cradle
- Passive cradle with RAM® Mount



Download accessory catalogue at www.lxe.com

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