

Tecton

Mobile Computer

Leading supply chains require mobile computing solutions that meet the needs of the user, the demands of a warehouse environment, and the speed of today's enterprise. With its IP65-rating, natural handgrip ergonomics, removable pistol grip, and turbocharged PXA320 806MHz processor running available Microsoft® Windows® Mobile 6.5 or CE 6.0 operating system, the Tecton hand-held mobile computer is more than ready for the challenge.

The successor to the MX7, the Tecton's enhanced overall performance is the sum of features purpose-built to optimize the productivity of a supply chain worker. Keypads protect against airborne and spilled chemical agents and are epoxy-topped to fight wear. Electrical components are soldered and glued to printed circuit boards to better withstand drops and shocks. A purpose built, field-removable trigger handle provides an alternative ergonomic scanning form factor that delivers intuitive point and shoot scanning, and improved operator performance and productivity.

The options for deploying the Tecton are practically limitless, with proprietary ToughTalk technology for voice-driven applications, available vehicle mounts, and a host of other accessories, all backward compatible with the MX7 for existing installations.

It's the foundation of your supply chain—reinvented.



Features

- **Optimal Combination of Performance and Usability:** Fits your needs as a hand-held or vehicle-mount, with 55 or 32 key backlit keypads and ToughTalk, can also be equipped with integrated multi-range scanning technology, providing value based options for the enterprise
- **Superior Durability:** Incorporates an IP65-rated design that withstands multiple 6' (1.8m) drops to concrete, resulting in a lower total cost of ownership for enterprises
- **Ergonomics:** Workers can use with either natural handgrip or field-removable trigger handle for optimized scanning performance
- **Adaptus™ Imaging Technology:** Reads linear and 2D bar codes, captures digital images, and enables electronic signature capture—allowing workers to do more with a single device
- **Fast and Reliable Wireless Connectivity:** Delivers full wireless coverage for applications inside and outside of the four walls, allowing real-time access to critical data
- **Worry-Free Service Programs:** Offers comprehensive, hassle-free protection on the device investment for up to five years after purchase, lowering the total cost of ownership
- **Remote MasterMind™ Ready:** Reduces total cost of ownership by providing a turnkey remote device management solution that easily manages and tracks usage of installed devices

Tecton Technical Specifications

Mechanical/Environmental

Dimensions	8.8" x 3.4" x 2" (223mm x 86mm x 50mm)
Weight	21oz (595g) w/ radio, battery, and SR laser scanner
Operating Temperature	14° to +122°F (-10° to +50°C)
Storage Temperature	-4° to +158°F (-20° to +70°C)
Humidity	5 to 100% relative humidity condensing at 104°F (40°C)
Drop	Multiple 5 ft. (1.5m) drops to concrete (w/ handle); 6 ft. (1.8m) w/ rubber boot accessory (w/o handle)
Environmental Sealing	Independently certified to meet IP65 standards for moisture and particle resistance
ESD	Air: ±15 KV; Contact: ±8 KV

System Architecture

Processor	PXA320 806 MHz
Operating System	Microsoft® Windows® Mobile 6.5, Microsoft® Windows® CE 6.0
Memory	256MB SDRAM x 256MB Flash
Optional Software	Wavelink TE, RFTerm® (TN5250, TN3270) VT220), AppLock utility controls user application access and unwanted configuration changes, multiple language OS support, voice recognition, Wavelink Avalanche and LXE eXpress Config compatible, Stay-Linked Ready
Display	3.5" (88 mm) 240x320 ¼ VGA TFT color LCD
Touch Panel	Industrial touch panel with resistive touch and support for finger touch and stylus
Keypad	Backlit 55-key alphanumeric and 32-key numeric shifted alpha
Audio	Audio for headset, voice recognition application certified. Speaker w/ adjustable volume control
I/O Ports	RS-232/USB 2.0/audio out/charging connector
Storage Expansion	User accessible SD memory card slot. Supports 1GB or 4GB SD memory cards.
Battery	Full shift battery life with typical usage 2200mAh@7.4V
Imager/Scanner	Standard Range Area Imager with High Visibility Aimer, Base Laser Engine, Standard Laser Engine, Multi-Range Extended Range Engine
Decode Capabilities	Reads standard 1D and 2D symbologies
Development Environment	Honeywell SDK for Windows® Embedded
Warranty	1 year factory warranty
Service Plans	Optional three- and five-year service programs offer worry-free mobile computing

Wireless Connectivity

WLAN	802.11 a/b/g
WLAN Security	WPA, WPA2 (Personal and Enterprise), 802.11x, EAP-TLS, EAP-TTLS/MSCHAPv2, PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC, WMM, CWG-RF Profile, CCX v.4, WAPI
WLAN Antennas	Internal antenna diversity
WPAN	Bluetooth® 2.0+EDR

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