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. (1.8m) 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	5300 Standard range (SR) imager with high-visibility laser aimer, SE955E laser engine, SE955I short range laser engine, SE1524ER multi-range Lorax laser 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

CE   ORACLE PARTNER   SAP SOFTWARE PARTNER   CISCO Technology   SUMMIT DATA COMMUNICATIONS   Bluetooth®   Wi-Fi™

LASER LIGHT. DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT
1.0 mW MAX OUTPUT: 650nM
IEC 60825-1 Ed 2 (2007), pulse duration of 15.5mSec. Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007.

For more information:

www.honeywellaidc.com

Honeywell Scanning & Mobility

9680 Old Bailes Road

Fort Mill, SC 29707

800.582.4263

www.honeywell.com

Honeywell

Honeywell

Tecton CS

Mobile Computer

A shift in a cold environment is demanding – make it more productive with a hand-held purpose-built to get more done in the cold. Light enough for scan-intensive picking, yet able to operate in extremely cold environments, Honeywell's Tecton CS rugged hand-held computer, the successor to the MX7CS, takes cold chain computing leadership and turbocharges it with a fast PXA 320 processor running available Microsoft® Windows® Mobile 6.5 or CE 6.0 operating system.

The Tecton CS provides enhanced performance without sacrificing any of its field-proven features. Designed with low-temperature batteries and specialized heated screens, the Tecton CS moves from the freezer to the dock and back again condensation-free – even in the hot summer months. Backlit keys and a brilliant display aid visibility in dark corners. And the Tecton CS never needs a desiccant pack or heated boot battery changeout – maximizing your productivity all year round. Enterprises can customize the Tecton CS to fit their users and processes, with complete backward compatibility with our MX7CS accessory portfolio.

It's the foundation of the supply chain, and it moves quickly in the cold. The Tecton CS, only from Honeywell.

Features

- **Better User Experience:** Large keys ideal for gloved hands; bright defroster screens go from outdoor dock to dark freezer without condensation

- **All-Around:** Fits end user needs as a hand-held or vehicle-mount computer, with a 55 or 32 key backlit keypad, ToughTalk technology, and a specialized combination of advanced audio circuitry and noise-canceling features

- **Rugged:** Reduces downtime and lowers the total cost of ownership with an IP65-rated design that withstands multiple 6' drops to concrete and offers a cold-storage configuration

- **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 CS 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	-22° to +122°F (-30° to +50°C) w/ heaters
Storage Temperature	-4° to +158°F (-20° to +70°C)
Humidity	5 to 100% relative humidity condensing at 104°F (40°C)
Drop	Withstand multiple 5' (1.5m) drops to concrete (w/ handle); 6' (1.8m) w/ rubber boot accessory (w/o handle)
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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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