

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)
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 with defroster
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 1250mAh@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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