CT37

Mobile Computer

_NETSelekt.pl

The Honeywell CT37 is a lightweight, durable, rugged, and all-purpose hand-held device, providing reliable performance, 5G data connectivity and communications for frontline mobile workers.



The CT37: 5G mobile computer on the Mobility Edge™ platform, elegant, slim, powerful, durable, and easy to use.

Reliable performance, data connectivity, and communications for frontline mobile workers, the CT37 is an all-purpose hand-held device tool to keep business workflows moving and operations flowing. Combined with powerful software including Operational Intelligence, Smart Talk communications, Smart Pay, and more, the CT37 is the ideal platform on which users in retail, healthcare and delivery can build effective solutions.

HONEYWELL MOBILITY EDGE™, A DURABLE, STABLE, SECURE PLATFORM

Built on the Mobility Edge platform, the CT37 is designed for businesses that invest in powerful solutions. The platform supports a long productive life, enhanced security, powerful performance, and easy deployments. The CT37 harnesses the latest processor and memory technology for high performance with planned support through Android 18. Combined with the powerful, cloud-based, Operational Intelligence asset optimization solution add-on, IT leaders can empower operations with critical analytics to help enable higher productivity and lower TCO, all with a user experience that keeps frontline workers productive and engaged.

Users will appreciate the design of the CT37, which packs a 6.0-inch (15cm), full-high-definition (FHD) screen into a slim, lightweight, yet durable package.

Gentle curves meet the aesthetic demands of customer-facing, top tier retail and hospitality environments while making the device easy to hold and hard to drop.

FEATURES AND BENEFITS

Mobility Edge is a durable, stable, and secure platform foundation for mobility solutions, supporting longer lifecycles, enhanced security, optimized performance and accelerated deployments.

The elegant design of the CT37 meets the aesthetic and user experience requirements of apparel retail users while delivering the durability and manageability serious business depend on.

The CT37 comes with the latest 5G and Wi-Fi 6E technology to stay connected, including CBRS and private networks. 5G offers the highest bandwidth and lowest latency available, to provide a better experience on data intensive applications.

Quick and accurate data capture up to 35 feet (11m) with Honeywell's innovative FlexRange scan engine. Bright green dot laser is more visible at long distance and under strong sunlight.

The CT37 supports true hot swappable feature, no downtime for battery replacement and operations, which enables seamless battery changes, and supports extended hours in operations.

Honeywell

MODERN PROCESSOR AND SOLID CONNECTIVITY

With the latest octa-core processor loaded for premium connectivity and next-gen processing for industrial handheld and computing devices, the CT37 has enough processing power to handle traditional applications and stands ready to handle new, demanding applications that our customers are developing to deploy for their workflows.

The CT37 also comes with the latest 5G and Wi-Fi 6E technology to stay connected in both indoor and outdoor environments. 5G offers the highest bandwidth and lowest latency available for frontline workers. Whether you are on a private 5G or CBRS network, or a Wi-Fi 6E environment, your networks can continue their workflows with reliable uptime.



The CT37: 5G mobile computer on the Mobility Edge™ platform, elegant, slim, powerful, durable, and easy to use.

FLEXRANGE SCAN ENGINE

The CT37 is armed with the latest FlexRange FR bright green dot laser, which is more visible at long distance and under strong sunlight than devices configured with red dot laser. It brings long range scanning performance found in industrial devices to lightweight, pocketable devices like the CT37. The ultimate in flexibility, FlexRange enables virtually every scanning use case in a single, compact device without compromising range or speed, enabling businesses to focus on fewer device types to manage.



The CT37 Wearable solution for a hand-free

HOT SWAPPABLE AND EXTENDED BATTERY

The CT37 supports true hot swappable feature, no downtime for battery replacement and operations, which enables seamless battery changes, and supports longer hours in operations.

The CT37 offers both standard and high-capacity extended battery with intelligent battery management for a full-shift and multi-shift operation.

SECURE ELEMENT

The secure element (SE) provides physical security on the CT37, protecting against cyber-attacks on your device. Applications that process the sensitive data on an SE are isolated and data access is protected.

WEARABLE SOLUTION

The CT37 wearable solution is a purpose-built wearable accessory that provides highly efficient hands-free operations. The wearable solution is designed for maximum user comfort and easy swapping between workers. The CT37 device can also be easily removed from the wearable holder and used alone for in-store or other applications.

ACCESSORY ECOSYSTEM

The CT37 arrives with a complete set of accessories, including Universal Dock charger which can be field upgraded by the end user without tools to support multiple Honeywell field mobility computers now and in the future. Other accessories include standard and extended battery, scan handle, RFID reader handle for fast cycle counting and ruggedizing boot.

CT37 Mobile Computer – Retail Technical Specifications

MECHANICAL

Dimensions: 167.4 mm x 76.0mm x 12.6mm (6.6 in x 3.0 in x 0.5 in)

Weight:

8.5 oz (241.0 g) with standard battery pack

9.7 oz (275.0 g) with extended battery pack

Display Size: 15.2 cm (6.0 in)

Resolution: Full High-Definition (2280 x 1080)

Touch Panel: Rugged multi-touch capacitive touch panel, Glove, stylus, and rain modes supported. Water droplet rejection with screen protector mode. Covered with Gorilla Glass™ Victus™ for increased resistance to drops and scratch.

Backlight and brightness: LED; 600 nits

Hard keys: Volume up/down key, left/right scan, power button, Push to Talk button.

Audio: PTT, VoIP ready, speaker, HAC-compliant, three microphones with noise cancellation.

I/O Ports: Durable, flat IO connector, USB type C connector. USB OTG supported via I/O ports. USB 3.1 is supported via USB type C.

Universal Dock Platform: Compatible

ENVIRONMENTAL

Operating Temperature: -10° to 50°C (14°F to 122°F)

Storage Temperature: -30° to 70°C (-22°F to 158°F)

Humidity: 5% to 95% (non-condensing)

Drop (Multiple):

Multiple drops to concrete as per MIL-STD-810H

DROP HEIGHT	TEMPERATURE
1.8m (6ft) with boot	Room temperature
1.5m (5ft) with boot	Operating temperature
1.5m (5ft)	Room temperature
1.2m (4ft)	Operating temperature

Tumble: 550, 0.5m (1.6 ft) tumbles and 550, 1.0m (3.3 ft) tumbles with protective boot per IEC 60068-2-32 specification

ESD: ± 15KV Air and ± 8KV Contact

Environmental Sealing: Independently certified to meet IP65 and IP68 standards for moisture and particle intrusion.

SYSTEM ARCHITECTURE

Processor: Qualcomm QCS4490 or QCM4490 octa-core, up to 2.4GHz

Operating System: Each Android version guaranteed from Android 14 to 18, subject to technical feasibility confirmed by Qualcomm

Memory: 8GB DDR5 RAM, 128GB UFS 3.1 Flash

Camera: 13-megapixel rear camera, 8-megapixel front-facing camera

Sensors: Ambient light sensor, Proximity sensor, Accelerometer, Gyroscope, Magnetometer, Barometer (SKU dependent), eCompass, Hall sensor

Storage Expansion: User-accessible microSD card up to 2 TB (SDXC/SDHC/SDIO-compliant)

SIM: 1 eSIM and 1 nano SIM

Battery: Li-Ion, 3846 mAh standard pack, 5550 mAh extended pack, smart battery with integrated diagnostics tools.

Battery Hot Swap: Yes

Charging: Quick charge 4.0 compliant; less than 3 hours to be fully charged

Hours of Operation: 12+ hours (standard battery, varies based on use case)

Decode Capabilities: Honeywell FlexRange S0803, Honeywell S0703 (1D/2D barcode symbologies), Honeywell SDKs for Android.

Application Software: Honeywell Mobility Edge Utilities and Demos

WIRELESS CONNECTIVITY

WWAN: Global bands support, device certified with GCF-PTCRB, ATT, TMO, VZW

AT&T FirstNet Compliant

4G-LTE DL CAT-18: ~800 Mbps

4G-LTE UL CAT-15: ~200 Mbps

5G NSA-DL: ~2500 Mbps, UL: ~1050 Mbps

5G SA-DL: ~2300 Mbps, UL: ~1050 Mbps

5G FR1: Bands 1, 2, 3, 5, 7, 8, 12, 13, 14, 20, 25, 26, 28, 29, 30, 38, 40, 41, 48, 66, 71, 77, 78, 79

LTE: Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 18, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 42, 43, 48, 66, 71

UMTS/HSPA+(3G): Bands 1, 2, 3, 4, 5, 6, 8, 19

GSM: 850, 900, 1800, 1900 (Quad Bands)

Dual SIM/Dual standby, VoLTE, 5G NR FR (NSA, SA), Private network support in LTE and 5G-NR

4x4 Downlink MIMO supported on bands below:

5G: n2, n7, n25, n30, n38, n41, n48, n66, n77, n78, n79

4G: B2, B4, B7, B25, B30, B38, B41, B42, B43, B48, B66

WLAN: Wi-Fi certified; Wi-Fi 6E certified. IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w/mc/ax, 2x2 MU-MIMO; Triband (2.4GHz, 5GHz, 6GHz); Wi-Fi 6E (801.11ax); Dual Band Simultaneous (DBS); IPv4, IPv6

Data rates: 2.4GHz: 802.11b/g/ax – 20MHz up to 286.8Mbps; 5GHz: 802.1/n/ac/ax -20MHz, 40MHz, 80MHz, 160MHz up to 2882Mbps; 802.11ax-20MHz, 40MHz, 80MHz, 160MHz up to 2882Mbps.

WLAN Security: Enhanced open (OWE), WEP, WPA/WPA2/WPA3 (Personal and Enterprise)

Supported EAP: TLS, PEAP, TTLS, PWD, LEAP, CCX compatible.

Bluetooth: V5.3 Bluetooth and BLE

2nd BLE: Available on all SKUs. Bluetooth profiles includes HFP, PBAP, A2DP, AVRCP, OPP, SPP, RATT

NFC: Integrated NFC reader, compliant with ISO/IEC 1443A, ISO/IEC 1443 B, ISO/IEC 15693 (ICode), MIFARE 1K/4K, MIFARE DESFire, Sony FeliCa, ISO/IEC 18092 (Type F), Contactless payment support, ECP 1.0 and ECP 2.0.

VPN: IPSec V4/L2TP, PPTP

Push to Talk (PTT): Supported

GPS Supported Protocols: GPS, GLONASS, Galileo, Beidou, QZSS, NavIC, Dual band GNSS-Concurrent L1/G1/E1/B1 with L5/E5a/BDSB2a, a-GPS, Supports XTRA

WARRANTY

One-year factory warranty

*Specifications are subject to change without notice

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance

For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies

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