Honeywell CT37

Honeywell CT37 – Leicht, langlebig und desinfizierbar für Retail und Healthcare

6-Zoll-Display und nur 241 g Gewicht für ermüdungsfreies Arbeiten
Das robuste Gorilla Glass Victus schützt das Display vor Kratzern und Beschädigungen, ideal für den täglichen Einsatz in anspruchsvollen Umgebungen.

5G- und Wi-Fi 6E-Konnektivität für schnelle, stabile Verbindungen in Innen- und Außenbereichen
Zur Übertragung von erfassten Daten, aber auch für Informationen und Kommunikation.

Langlebige und sichere Hardware – Mobility Edge-Plattform unterstützt Android bis Versionen 18
Einheitliche Plattform für einfache Geräteverwaltung, kürzere Test- und Implementierungszeiten sowie langfristige Sicherheit durch regelmäßige Updates.

Präzises Scannen von Barcodes aus bis zu 11 m Entfernung mit einem gut sichtbaren grünen Punktlaser
Diese Technologie steigert die Effizienz in verschiedenen Arbeitsumgebungen, indem sie sowohl Nah- als auch Fernscans mit einem einzigen Gerät ermöglicht.

Nahtloser Batteriewechsel ohne Betriebsunterbrechung
Dank des im laufenden Betrieb austauschbaren Akkus kann der CT37 ohne Ausfallzeiten eingesetzt werden. Für besonders lange Arbeitsschichten steht ein erweiterter Akku zur Verfügung, der die Betriebszeit zusätzlich verlängert.

Honeywell CT37

Eigenschaften

Lesbare Codes: 1D, 2D

Display: 6 Zoll Full HD (2280 x 1080 px), Gorilla Glass Victus, 600 nits Helligkeit

Betriebssystem: Android 14 bis Android 18

Prozessor: Qualcomm QCS4490/QCM4490 Octa-Core, bis zu 2,4 GHz

Speicher: 8 GB DDR5 RAM, 128 GB Flash, erweiterbar auf bis zu 2 TB via microSD

Feedback: LED, Ton und Vibration

Tasten: Lautstärke auf/ab, Links/Rechts-Scan, Power, Push-to-Talk

Konnektivität: 5G, Wi-Fi 6E, Bluetooth 5.3, NFC, Dual-SIM (1 eSIM, 1 nanoSIM), USB 3.1

Zusätzliche Features: 13 MP Rückkamera, 8 MP Frontkamera, diverse Sensoren (u.a. Licht-, Gyroskop-, Näherungs- und Beschleunigungssensor)

Akku: 3846 mAh Standard, 5550 mAh erweiterter Akku, Hot-Swap-fähig, Schnellladung in weniger als 3 Stunden

Schutz: IP65 und IP68, sturzsicher aus 1,5 m (ohne Schutzhülle), 1,8 m (mit Schutzhülle)

Desinfektionsbeständigkeit: Gehäuse und Anschlüsse widerstehen regelmäßiger Desinfektion gemäß den Anforderungen im Gesundheitswesen (Modell CT37 HC)

Betriebstemperatur: -10 °C bis 50 °C

Abmessungen (B x L x H): 76,0 x 167,4 x 12,6 mm

Gewicht: 241 g (Standard-Akku), 275 g (erweiterter Akku)

Optionales Zubehör

1-, 4- und 5-fach Ladestationen

1-, 4- und 5-fach Dockingstation

4-fach Akkuladestation

Akkus

Griff mit Auslöser

Schutzhülle

Handschlaufe

Trageclip

Wearable-Kit

Bildschirm-Schutzfolie

USB-C Plug für Healthcare-Version

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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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CT37 HC Mobile Computer Technical Specifications

MECHANICAL

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

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Display Size: 15.2 cm (6.0 in)

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