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United States

HEALTHCARE COMPUTERS

CT37 HC Handheld Computer

CT37 HC Enterprise Mobile Computer for Healthcare

Overview



Feedback

The CT37 HC is built on the newest generation of the Mobility Edge™ platform, a durable, stable, secure foundation for effective, long-lasting solutions. The CT37 HC delivers the lifecycle, security and durability required by serious businesses. The CT37 HC harnesses the latest Qualcomm® QCM4490 processor and memory technology for high performance with planned support through Android 18.

The CT37 HC is available in disinfectant ready housings which are designed to support frequent cleaning with harsh disinfectants without breaking down, cracking, or fading plastic housings. The product can be cleaned by 46 approved cleaning solutions multiple times per hour.

The CT37 HC is released 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 front-line mobile workers, and within a building to always stay connected. Whether you are on a private 5G or CBRS network, or a Wi-Fi 6E environment, your workers can continue their workflows with the reliable uptime.

Combined with powerful Honeywell software such as Operational Intelligence, Smart Talk unified communications and Smart Pay contactless payment, the CT37 HC is an ideal platform on which users in healthcare can build effective solutions.

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

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

Equipped with a Honeywell N6700 7th generation 2D imager for quick, accurate reading of 1D and 2D barcodes on virtually any medium found in the hospital, including patient wristbands, vials, syringes and IV bags. Advanced features like hot-swappable batteries reduce operational downtime, leaving more time for patient care.

Specifications

FEATURES

Camera

- 13-megapixel color rear camera
- 8-megapixel color front camera

Housing Grade

- Disinfectant Ready Housing

For Use With

- Android

Application

- Healthcare

Features

- Compatible with Universal Dock

Camera Position

- Front and Rear

DIMENSIONS

Overall Dimensions

- 167.4 mm x 76.0mm x 12.6mm (6.6 in x 3.0 in x 0.5 in)

SCANNING SPECIFICATIONS

Decode Capability

- Honeywell N6700 (1D/2D barcode symbologies)

NETWORK

Computer Wireless Communication

- 5G , WiFi 6E, BT5.3, NFC

Bluetooth Specifications

- V5.3 Bluetooth and BLE; 2nd BLE

WWAN Specifications

- 4G-LTE DL CAT-18: ~800 Mbps
- 4G-LTE UL CAT-15: ~200 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
- 5G NSA-DL: ~2500 Mbps, UL: ~1050 Mbps
- 5G SA-DL: ~2300 Mbps, UL: ~1050 Mbps
- AT&T FirstNet Compliant
- Global bands support, device certified with GCF-PTCRB, ATT, TMO, VZW
- 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

WLAN Specifications

- Data rates: 2.4GHz: 802.11b/g/ax – 20MHz up to 286.8Mbps; 5GHz: 802.11n/ac/ax -20MHz, 40MHz, 80MHz, 160MHz up to 2882Mbps; 802.11ax- 20MHz, 40MHz, 80MHz, 160MHz up to 2882Mbps
- 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
- Supported EAP: TLS, PEAP, TTLS, PWD, LEAP, CCX compatible
- WLAN Security: Enhanced open (OWE), WEP, WPA/WPA2/WPA3 (Personal and Enterprise)
- Wi-Fi certified; Wi-Fi 6E certified.

RFID Specifications

- 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.

GPS Specifications

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

SOFTWARE & FIRMWARE

Operating System

- Each Android version guaranteed from Android 14 to 18, subject to technical feasibility confirmed by Qualcomm

Operating System Type

- Android

Platform

- Mobility Edge

MEMORY & DATA

Memory

- 8GB DDR5 RAM, 128GB UFS 3.1 Flash

HARDWARE

Display Resolution

- Full High-Definition (2280 x 1080)

Scan Engine Range

- Standard Range

Scan Engine Model

- Honeywell N6700 (1D/2D barcode symbologies)

Scan Engine Type

- LED aimer and illumination

Display Size

- Gorilla Glass™, 6-inch

Processor

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

ELECTRICAL

Battery Capacity

- 3846mAh

Battery Types

- Hot-swappable
- Replaceable

Battery Type

- Li-ion

ENVIRONMENTAL

Storage Temperature Range

- -30° to 70°C (-22°F to 158°F)

Operating Temperature

- -10° to 50°C (14°F to 122°F)

Operating Humidity

- 5% to 95% (non-condensing)

STANDARDS & APPROVALS

Tumble Specifications

- 750, 0.5m (1.6 ft) tumbles
- 750, 1.0m (3.3 ft) tumbles with protective boot

Drop Specifications

- Multiple 1.5m (5ft) drops to concrete at operating temperature per MIL-STD 810H
- Multiple 1.8m (6ft) drops to concrete at operating temperature with boot per MIL-STD 810H

Protection Ratings

- IP68/IP65

SERVICE TERMS

Warranty Duration

- 1 year

OTHERS

Scan Distance

- Standard Range (0-1m)

Connectivity

- Wi-Fi

Environment

- Healthcare

Keypad

- Full Touchscreen



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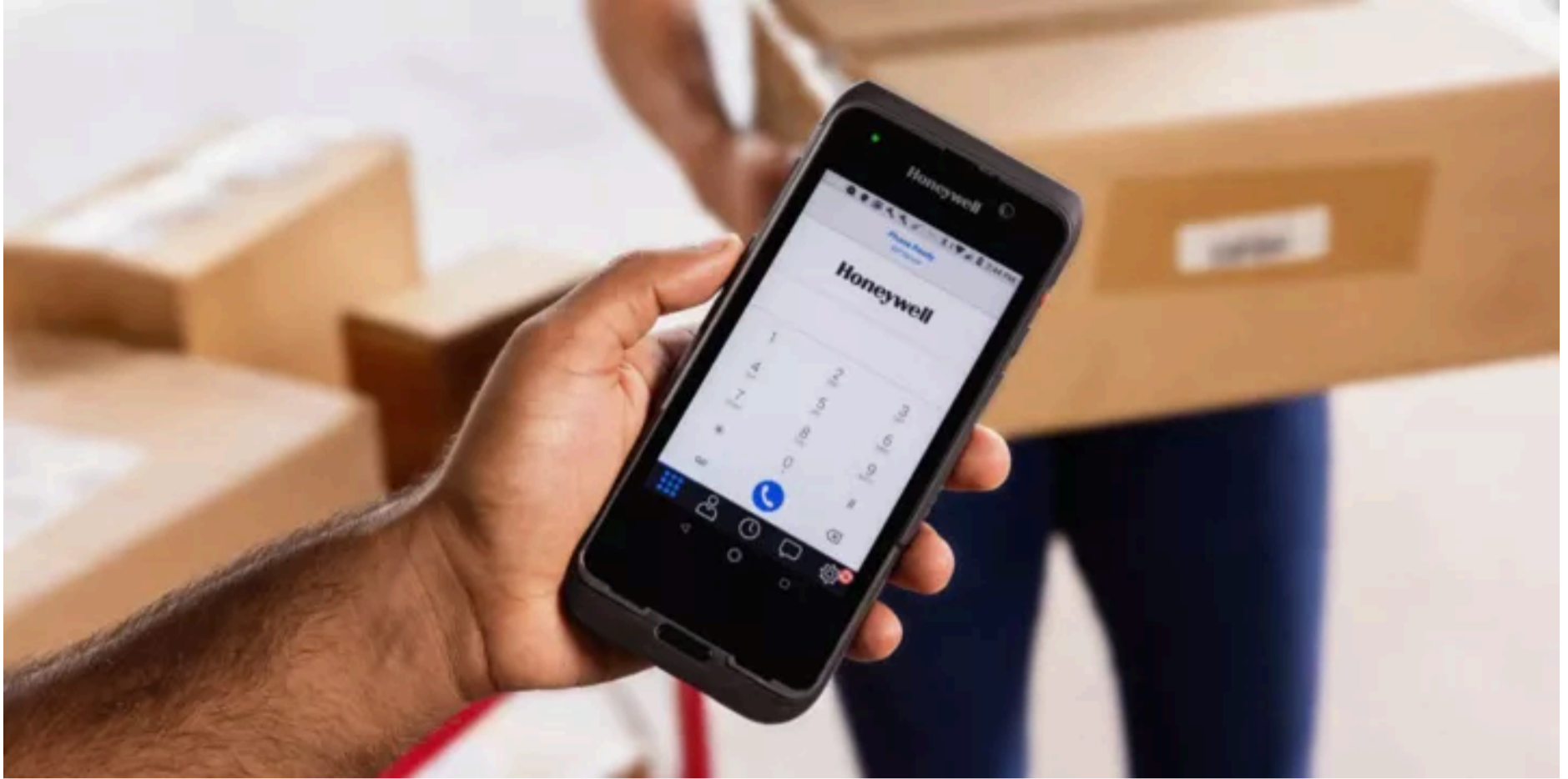
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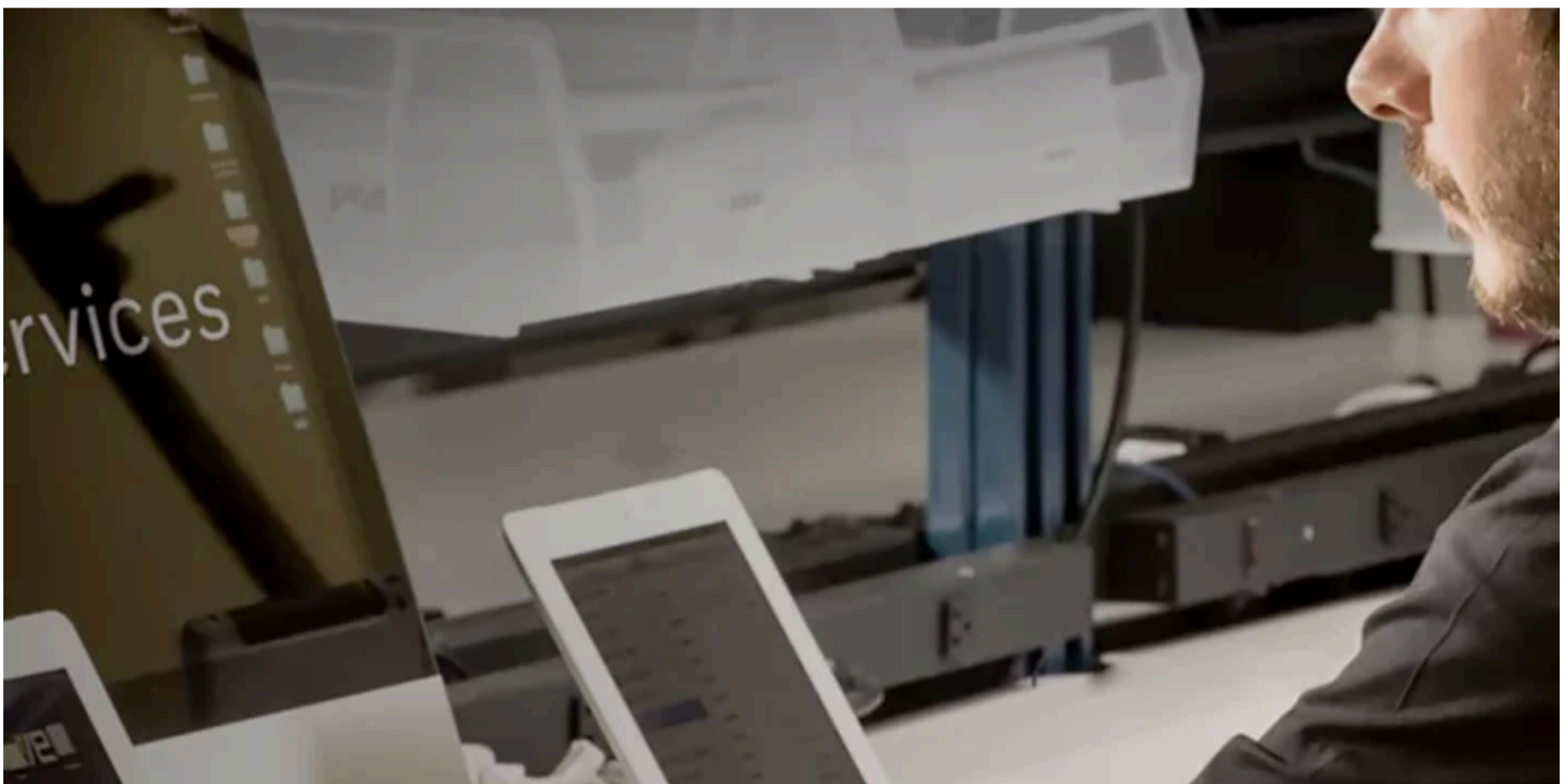
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