



HANDHELD COMPUTERS

# CT45 / CT45 XP

CT45 mobile computers, built on the Mobility Edge platform, are rugged, all-purpose productivity tools ensuring ultra-reliable performance, data connectivity and communications for front-line mobile workers in retail, logistics and fieldwork.

## Overview



Feedback

### Reliably Connected

- The CT45 offers always-on connectivity with updated Wi-Fi 5 technology. The CT45XP takes this connectivity further with Wi-Fi 6 technology, allowing access to essential information with low latency.
- Field workers, delivery personnel, and others who work outside of the four walls benefit from 4G-LTE connectivity, allowing them to stay connected wherever they are.
- The CT45 family leverages the latest processors and memory technology for high performance with guaranteed support through Android 14, with a commitment to support through Android 15, subject to feasibility.

### Designed for Performance

- The pocketable, yet rugged, dust and water-resistant design sustains 3,000 tumbles and multiple 6-foot drops to concrete, extending to 8-foot drops when equipped with the protective boot.
- Equipped with the FlexRange Scan Engine, the CT45 family can be used in a variety of near and far scanning workflows, ensuring accurate and fast data collection from barcodes.
- With an 8-megapixel front-facing camera, a full suite of accessories with backward compatibility with CT40 accessories, and a 1920\*1080p full high-definition display, the CT45 significantly increases the user experience.

### Industry Application

- The CT45 and CT45XP are ideal retail solutions, giving your associates the ability to achieve quick inventory lookup, merchandising, click-and-collect, mobile point-of-sale and return management.
- In T&L and DSD applications, the CT45 product family optimizes parcel pickup and delivery, LTL pick up and delivery, fleet management, proof of delivery, navigation assistance and document entry workflows.

## Specifications

# FEATURES

## Camera

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

## Application

- Retail, transportation & logistics, manufacturing, healthcare, and public service

# DIMENSIONS

## Overall Dimensions

- 163 mm x 79 mm x 19.2 mm

# SCANNING SPECIFICATIONS

## Decode Capability

- Honeywell FlexRange, Honeywell S0703 (1D/2D barcode symbologies), Honeywell SDKs for Android

# NETWORK

## WWAN Specifications

- AT&T FirstNet Compliant
- LTE Advanced Support
- LTE – Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 66, 71
- SIM: eSIM and NanoSIM (CT45XP) or 2 Nano SIMs (CT45)
- UMTS/HSPA+ (3G) – Bands 1, 2, 4, 5, 6, 8, 9, 19
- Up to 390 Mbps CAT13 LTE downlink
- Up to 75 Mbps CAT5 LTE uplink
- WWAN Radio (ATT/VZW/SPRINT/ TMO/NA/EU)

## Bluetooth Specifications

- 2nd BLE Available on CT45 XP only
- V5.1 Bluetooth and BLE

## GPS Specifications

- 850, 900, 1800, 1900 (Quad Bands)
- GPS Supported Protocols: Simultaneous GNSS Receiver Support for GPS, GLONASS, Galileo, and Beidou, Assisted GPS

## WLAN Specifications

- All SKUs: 802.11 d/e/h/i/k/r/v/u/w/mc
- All other configurations: IEEE 802.11 a/b/g/n/ac
- CT45 XP WLAN: IEEE 802.11 a/b/g/n/ac/ax and 2\*2 MU-MIMO
- WLAN Security: OPEN, WEP, WPA/WPA2/WPA3 (Personal and Enterprise)
- WLAN: Wi-Fi certified

## RFID Specifications

- Integrated NFC reader, compliant with ISO/IEC 14443 A, ISO/IEC 14443 B, ISO/IEC 15693 (ICODE), MIFARE 1K / 4K, MIFARE DESFire, Sony FeliCa, ISO/IEC 18092 (Type F)

Feedback

# SOFTWARE & FIRMWARE

## Operating System

- Each Android version guaranteed from Android 11 to at least 13, committed support for Android 14 and Android 15, pending feasibility

# MEMORY & DATA

## Memory

- 6 GB DDR4x RAM, 64 GB UFS Flash (CT45XP); 4 GB DDR4x RAM, 64 GB UFS Flash (CT45)
- User-accessible microSD card up to 512 GB (SDXC/SDHC/ SDIO-compliant)

# HARDWARE

## Processor

- Qualcomm QCS4290/QCM4290 octa-core, 2.0GHz

## Display Resolution

- Full High Definition (1920 x 1080) (CT45XP)
- High-Definition (1280 x 720) (CT45)

## Display Size

- 12.7 cm (5.0 in)

# ELECTRICAL

## Battery Type

- Quick Charge 3.0 compliant; Less than 3 hours to be fully charged.
- Smart battery with integrated diagnostic tools

## Battery capacity

- Li-Ion, 3.85 V, 4020 mAh

## Battery Types

- 2nd BLE Available on CT45 XP only

# ENVIRONMENTAL

## Storage Temperature Range

- -30°C to +70°C (-22°F to +158°F)

## Operating temperature

- -20°C to +50°C (-4°F to +122°F)

## Operating Humidity

- 5% to 95% (non-condensing)

# STANDARDS & APPROVALS

## Tumble Specifications

Feedback

- Exceeds 1,500 times at 1m (3.28 ft) per IEC 60068-2-32 specification

Drop Specifications

- Multiple 1.8 m (6 ft) drops to concrete at -20°C to +50°C (-4°F to +122°F) per MIL-STD-810H; multiple 2.4 m (8 ft) drops to concrete with protective boot at -20°C to +50°C (-4°F to +122°F) per MIL-STD-810H

Incendiary Protection

- 850, 900, 1800, 1900 (Quad Bands)

SERVICE TERMS

Warranty Duration

- One-year factory warranty

ERP

Brand

- Honeywell

Solution Brief



Wearable Benefits Brochure



Wearable Technology Brochure



Feedback

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