



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 SO703 (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)

Feedback

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)

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

Feedback

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

- 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

Honeywell

Industrial Automation
855 S Mint St
Charlotte, NC 28202
800-582-4263

CT45 / CT45 XP

© 2024 Honeywell International Inc.
All rights reserved.

Honeywell

This document was generated on 2024-08-02 6:42:08 PM (YYYY-MM-DD, HH:mm:ss). Subject to change without notice.