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HANDHELD COMPUTERS

# CT45 / CT45 XP Mobile Computer

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

**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.**

**Secure Solution:**

**The CT45 is built on the Mobility Edge platform, providing a long-lifecycle solution for demanding enterprise customers who need a durable, stable and secure solution that they rely on for long-term business planning needs. The CT45 family offers seamless connectivity, with the CT45XP featuring Wi-Fi 6 technology, allowing access to essential information with low latency.**

**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. Combined with the powerful, cloud-based, Operational Intelligence asset optimization solution, IT leaders can empower operations with competitive advantage, high productivity and low TCO, all with a user experience that keeps front-line workers productive and engaged.**

**Comprehensive Accessories:**

**To support diverse operational needs, the CT45 offers a variety of accessories, including a universal dock and cup, scan handles, charging bases, and battery chargers, enhancing its functionality and versatility. The Universal Dock system provides a future-compatible design that allows customers to future-proof their accessory investment.**

## Specifications

### FEATURES

**Application**

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

## Environment

- Standard

## Connectivity

- Wi-Fi
- Wi-Fi & Cellular

## Camera

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

# DIMENSIONS

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## Overall Dimensions

- 163 mm x 79 mm x 19.2 mm

# SCANNING SPECIFICATIONS

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## Decode Capability

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

# NETWORK

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## 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)

## 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)

## GPS Specifications

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

## Bluetooth Specifications

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

# SOFTWARE & FIRMWARE

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## 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

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## 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

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## Scan Distance

- Mid Range (0-5m)
- Standard Range (0-1m)

## Processor

- Qualcomm QCS4290/QCM4290 octa-core, 2.0GHz

## Keypad

- Full Touchscreen

## Display Size

- 12.7 cm (5.0 in)

## Display Resolution

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

# ELECTRICAL

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## Battery Types

- 2nd BLE Available on CT45 XP only

## 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

# ENVIRONMENTAL

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## 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

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### Tumble Specifications

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

### Incendiary Protection

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

### 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

## SERVICE TERMS

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### Warranty Duration

- One-year factory warranty

## ERP

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### Brand

- Honeywell

## OTHERS

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### Industry

- Aerospace
- Logistics & Warehouses
- Manufacturing
- Retail



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<b>Part Number</b>	<a href="#">3007-3408-001</a>
<b>Description</b>	PSU 12V 8.3A R7B ADS-120QL-12-3 120100E SIGN IN
<b>Part Number</b>	<a href="#">3007-4681-001</a>
<b>Description</b>	C5 type power cable, US SIGN IN
<b>Part Number</b>	<a href="#">3007-4683-001</a>
<b>Description</b>	C5 type power cable, EU SIGN IN

<b>Part Number</b>	<a href="#">CT45-5CB-UVB-1</a>
<b>Description</b>	CT45 Booted 5 bay universal dock, charge up to 5pcs of CT45CT40CT45XPCT40XP. Kit includes 5 bay universal dock, power adapter and US power cord.
	<a href="#">SIGN IN</a>
<b>Part Number</b>	<a href="#">CT45-5CB-UVN-1</a>
<b>Description</b>	CT45 Non-Booted 5Bay wCT40 cups, US cord
	<a href="#">SIGN IN</a>
<b>Part Number</b>	<a href="#">CT45-BAT-CUP</a>
<b>Description</b>	CT45 BATTERY CUP
	<a href="#">SIGN IN</a>
<b>Part Number</b>	<a href="#">CT45-IST-50</a>
<b>Description</b>	CT45 INSERT ADAPTER FOR CT50 CHARGER
	<a href="#">SIGN IN</a>
<b>Part Number</b>	<a href="#">CT45-LON-27D100G</a>
<b>Description</b>	CT45, WLAN, 4G64G, 5 inch 1280x720P HD, S0703, 813MP, 802.11 abgnacrkmc, BT5.1, Android GMS, Battery, IP68&65, Metal battery latch button, Audio jack, USB Type C OTG, PTT, GLB
	<a href="#">SIGN IN</a>
<b>Part Number</b>	<a href="#">CT45-LON-27D200G</a>
<b>Description</b>	CT45, WLAN , 4G64G, 5 inch 1280x720P HD, S0703, 13MP8MP, 802.11 abgnacrkmc, BT5.1, Android nonGMS, Battery, IP68&65, Metal battery latch button, Audio Jack, USB 3.0 Type C OTG, PTT, GLB
	<a href="#">SIGN IN</a>
<b>Part Number</b>	<a href="#">CT45-LON-28D100G</a>
<b>Description</b>	CT45, WLAN, 4G64G, 5 inch 1280x720P HD, FlexRange, 13MP8MP, 802.11 abgnacrkmc, BT5.1, Android GMS, Battery, IP68&65, Metal battery latch button, Audio jack, USB 3.0 Type C OTG, PTT, GLB
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## Product Number



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**3007-3408-001**

PSU 12V 8.3A R7B ADS-120QL-12-3 120100E

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**3007-4681-001**

C5 type power cable, US

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**CT45-5CB-UVN-1**

CT45 Non-Booted 5Bay wCT40 cups,US cord

**CT45-5CB-UVN-1**

CT45 Non-Booted 5Bay wCT40 cups,US cord

**CT45-BAT-CUP**

CT45 BATTERY CUP

**CT45-BAT-CUP**

CT45 BATTERY CUP

**CT45-IST-50**

CT45 INSERT ADAPTER FOR CT50 CHARGER

**CT45-IST-50**

CT45 INSERT ADAPTER FOR CT50 CHARGER

**CT45-LON-27D100G**

CT45,WLAN,4G64G,5 inch 1280x720P HD, S0703,813MP,802.11 abgnacrkmc, BT5.1,Android GMS,Battery,IP68&65,Metal battery latch button,Audio jack,USB Type C OTG,PTT, GLB

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CT45,WLAN,4G64G,5 inch 1280x720P HD, FlexRange,13MP8MP,802.11 abgnacrkmc,BT5.1,Android GMS,Battery,IP68&65,Metal battery latch button,Audio jack,USB 3.0 Type C OTG,PTT, GLB

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