

# HONEYWELL CT45 XP - Data collection terminal

rugged - Android 11 - 64 GB UFS card - 5" colour (1920 x 1080) - rear camera + front camera - barcode reader - (2D imager) - USB host - microSD slot - NFC - Wi-Fi 6 - Bluetooth - 4G

Group	PDAs
Manufacturer	HONEYWELL
Manufacturer item no.	CT45P-L1N-37D120G



## Description

The CT45 mobile computers are rugged, all-purpose productivity tools ensuring ultra-reliable performance, data connectivity and communications for frontline mobile workers in retail, logistics and fieldwork. The CT45 family is designed for businesses that invest in sophisticated solutions and want a durable, stable, secure platform to build them on. Built on the newest generation of Honeywell's Mobility Edge platform, the CT45 family delivers the lifecycle, security and durability to optimize solution return on investment long-term.

## Main features

Product Description	Honeywell CT45 XP - data collection terminal - Android 11 - 64 GB - 5" - 4G
Product Type	Data collection terminal - rugged
Operating System	Android 11
Display	5" colour LED backlight - 1920 x 1080 - Multi-Touch
Processor	Qualcomm QCS4290/QCM4290 (8-core)
Processor Clock Speed	2 GHz
Storage	64 GB UFS card
RAM	6 GB
Supported Flash Memory Cards	microSD, microSDHC, microSDXC
Cellular Technology	4G
Cellular Protocols	GSM, UMTS, HSPA+, LTE Advanced
Wireless Connectivity	NFC, 802.11a/b/g/n/ac/ax, Bluetooth 5.1
Rear Camera	13 Megapixel focus: automatic
Front Camera	8 Megapixel
Navigation System	A-GPS/GPS/GLONASS/Gallileo/Beidou
Barcode Reader	Yes (2D imager)
RFID Specification	ISO 15693, Mifare, Felica, DESFire, ISO 14443A, ISO 14443B, ISO/IEC 18092 Type F
Features	USB host
Battery Run Time	Up to 12 hours
Dimensions (WxDxH)	7.9 cm x 1.92 cm x 16.3 cm

Weight	282 g
Localisation	Worldwide

## Extended details

### General

Product Type	Data collection terminal - rugged
Operating System	Android 11

### Display

Type	5" colour - LED backlight
Resolution	1920 x 1080
Touchscreen	Multi-Touch
Features	Glove touch mode, rain sensing touch mode, optical bonding, Corning Gorilla glass 5, capacitive touch screen

### Processor

Processor	Qualcomm QCS4290/QCM4290
Processor Clock Speed	2 GHz
Number of Cores	8-core

### Memory

Storage	64 GB UFS card
RAM	6 GB - LPDDR4X SDRAM
Supported Flash Memory Cards	microSD, microSDHC, microSDXC
Max Supported Capacity	512 GB
Compatibility	microSDIO

### Communications

Cellular Technology	4G
Cellular Protocols	GSM, UMTS, HSPA+, LTE Advanced
Max Transfer Rate	390 Mbps
Wireless Connectivity	NFC, 802.11a/b/g/n/ac/ax, Bluetooth 5.1
Security Protocols & Features	LEAP, WEP, WPA, WPA2, EAP-TTLS, EAP-TLS, WPA2-Enterprise, OPEN, EAP-PWD, WPA-Enterprise, WPA3, WPA3-Enterprise, EAP-PEAP
Bluetooth Profiles	Hands-Free Profile (HFP), Object Push Profile (OPP), Serial Port Profile (SPP), Advanced Audio Distribution Profile (A2DP), Audio/Video Remote Control Profile (AVRCP), Phonebook Access Profile (PBAP), Generic Attribute Profile (GATT)

### Rear Camera

Sensor Resolution	13 Megapixel
Focus Adjustment	Automatic

### Front Camera

Sensor Resolution	8 Megapixel
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### Navigation System

Receiver	A-GPS/GPS/GLONASS/Gallileo/Beidou
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### Multimedia

Audio	Three microphones, speaker
<b>Barcodes</b>	
Barcode Reader	Yes
Scan Element Type	2D imager
Max Working Distance	10 m
<b>RFID</b>	
RFID Specification	ISO 15693, Mifare, Felica, DESFire, ISO 14443A, ISO 14443B, ISO/IEC 18092 Type F
<b>Software</b>	
Preloaded Software	Honeywell SDK, Google Mobile Services, Honeywell Mobility Edge Utilities and Demos
<b>Expansion and Connectivity</b>	
Expansion Slots	1 x microSDXC   2 x Nano-SIM card
Interfaces	Headphones mini jack (3.5mm)   USB-C
USB Host	Yes
<b>Battery</b>	
Technology	Lithium Ion
Capacity	4020 mAh
Run Time	Up to 12 hours
Recharge Time	3 hour(s)
<b>Miscellaneous</b>	
Sensors	Accelerometer, ambient light sensor, proximity sensor, magnetometer, hall sensor, gravity sensor, gyroscope
Features	Moisture resistant, drop-resistant, microphone with noise-cancellation, warm swap, QC3.0 Quick Charge, 2x2 MiMo function, ESD protection, Voice over Internet Protocol (VoIP), Honeywell S0703 imager
Compliant Standards	IP68, IP65, HAC (Hearing Aid Compatible), MIL-STD 810H
Localisation	Worldwide
<b>Dimensions &amp; Weight</b>	
Width	7.9 cm
Depth	1.92 cm
Height	16.3 cm
Weight	282 g
<b>Manufacturer Warranty</b>	
Service & Support	Limited warranty - 1 year
<b>Environmental Parameters</b>	
Min Operating Temperature	-20 °C
Max Operating Temperature	50 °C
Humidity Range Operating	5 - 95% (non-condensing)
Min Storage Temperature	-30 °C
Max Storage Temperature	70 °C

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