

Honeywell®

Rugged mobile computer CT45, WLAN, SR, Android, GMS, USB-C, Warm Swap, Camera

CT45XP 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.

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Built on Honeywell's Mobility Edge™ platform, the CT45 XP's common software ecosystem strengthens its security, accelerates multiple deployment and extends its lifecycle.

Missing or misplaced IT assets cause not only operational downtime, but can lead to security risks. Featuring "Device Finder" solution, the CT45 XP can easily be located when misplaced or lost, even when the batteries are drained after a certain period of time.

With Honeywell's latest FlexRange™ imager, the CT45 XP captures barcodes from a distance of a few centimeters up to 10 meters.

CT45 XP product family is backward compatible with all the existing CT40 purpose built chargers and 1 bay or 4 bay universal docks.

Key features:

- Rugged, Ergonomic Design
- Mobility Edge Platform guarantees an up-to-date OS Android for 10 years period
- Industry-Leading Future-Proof Protection
- Optimal Power and Connectivity
- Unparalleled Scanning Performance
- Device Finder
- Warm Swap battery



Technical Description

Functionality & Operation

Wireless communication	Bluetooth®, GPS, NFC, WiFi
Expansion slot	microSD card up to 512 GB (SDXC/SDHC/SDIO-compliant)
Display type	5" HD, 1280x720, LED with backlight
Memory	4GB RAM, 64 GB UFS Flash
2D Code Symbolologies	all standard 2D-Codes
CPU Type	Qualcomm QCS4290/QCM4290 octa-core, 2.0GHz
Operation interface	volume up and down keys, ON/OFF , PTT button, left/right scan button
GPS navigation	a-GPS, BeiDou, Galileo, GLONASS, GPS
WPAN Features	Bluetooth®: V5.1 Bluetooth and BLE, 2nd BLE
Operating system	Android 11
Touch-screen panel	capacitive multi-touch
Communication interface	USB OTG supported via I/O ports, USB 3.0 is supported via USB Type C
Audio	3.5 mm jack (available on Wi-Fi version only), PTT, VoIP ready, speaker, HAC-compliant
1D Barcode Symbolologies	All standard one-dimension barcodes

Optical

Depth of scan field	40 mm ~ 800 mm
Bar code scanner	2D Imager Honeywell S0703 1D/2D
Camera	13 MPix, 8 MPix, with Autofocus, with LED flash
Sensors	accelerometer, barometer, proximity sensor, light sensor, gyroscope, magnetometer, e-compass

Electrical

Battery charging time	3 hours
Main battery pack operating time	12 hours
Main battery pack	Li-Ion 4020 mAh, 3,85V , smart battery with integrated diagnostic tools, Warm Swap

Mechanical

Weight	282g
Dimensions	Width: 79mm, Height: 163mm Length: 19.2mm

Environment

Shock resistance	multiply drops from 1,8 m onto concrete surface, 1500 tumbles at 1 m
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