

HANDHELD COMPUTERS

CT30 XP Handheld Computer

Durable, Manageable Mobile Computer in an Elegant, Lightweight Package

Overview

The CT30 XP is a durable, all-purpose business tool ensuring ultra-reliable data access and communications for front-line mobile workers. The product combines the elegant design and usability of a high-end mobile phone while delivering the durability, manageability and functionality serious businesses depends on. Combined with powerful Honeywell software such as Operational Intelligence, Smart Talk unified communications and Smart Pay contactless payment, the CT30 XP is an ideal platform on which users in retail, healthcare and delivery can build effective solutions. Built on the Mobility Edge™ platform, a durable, stable and secure foundation for effective, long-lasting solutions, CT30 XP delivers the return on investment required by serious businesses. The product leverages the latest processor and memory technology for years of high performance with guaranteed support from Android 11 to at least Android 13 and committed support for Android 14 and 15, subject to feasibility. The slim, lightweight CT30 XP slips easily into the pocket and is easy for users in retail and healthcare to use, hold and carry. Unlike typical consumer phones which are aesthetically pleasing but less durable, CT30 XP can withstand multiple drops from 1.2m (4ft) to concrete from -10°C to 50°C (-4°F to 122°F) and 500 tumbles at 0.5m. The vivid, full-high-definition display (2160 x 1080p) makes it easy to use and supports modern high-definition software. The PTT button and 8-megapixel front-facing camera enable effective and intuitive communications with teammates. The premium CT30 XP feature set dovetails with the long lifecycle of the CT30 XP by ensuring performance and productivity over the life of the device. Support for Wi-Fi 6 in selected SKUs increases connection reliability, range and throughput in crowded conditions and provides a better experience on voice or video communications. The available high-performance FlexRange™ scan engine more than doubles standard scan range without compromising speed or adding to the size of the device, saving precious seconds that add up over the course of a shift and reducing user fatigue in scan-intensive tasks. CT30 XP is available in disinfectant ready housings which are designed to support frequent cleaning with harsh disinfectants without breaking down, cracking or fading plastic housings. The product can be cleaned by 34 approved cleaning solutions multiple times per hour.

Feedback

Specifications

FEATURES

Housing Grade • Disinfectant Ready Housing

For Use With• Android

Application • Soft Goods Retail, General Merchandise and Healthcare

Features • Compatible with Universal Dock

- Camera**
- 13-megapixel rear camera
 - 8-megapixel front camera

DIMENSIONS

- Overall Dimensions**
- 154 mm x 76 mm x 12.6 mm
 - 6.06 in x 2.99 in x 0.50 in

SCANNING SPECIFICATIONS

- Decode Capability**
- 1D/2D Barcode Symbolologies

NETWORK

- Bluetooth Specifications**
- V5.1 Bluetooth and BLE; 2nd BLE availble on all SKUs except CT30P-XXX-XXXXXXNX . Bluetooth profiles includes HFP, PBAP, A2DP, AVRCP, OPP, SPP, GATT

- WWAN Specifications**
- AT&T FirstNet Compliant
 - GSM: 850, 900, 1800, 1900 (Quad Bands)
 - 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
 - UMTS/HSPA+ (3G): Bands 1, 2, 4, 5, 6, 8, 9, 19
 - Up to 390 Mbps CAT13 LTE downlink and 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; All SKUs: 802.11 d/e/h/i/k/r/v/u/w/mc
 - CT30P-L0N, CT30P-L1N: Wi-Fi 5, IEEE 802.11 a/b/g/n/ac
 - CT30P-X0N: Wi-Fi 6, IEEE 802.11 a/b/g/n/ac/ax and 2x2 MU-MIMO

- GPS Specifications**
- Simultaneous GNSS Receiver Support for GPS, GLONASS, Galileo and BeiDou

- 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

- 6GB DDR4x RAM, 64GB UFS Flash; 4GB DDR4x RAM, 64GB UFS Flash

HARDWARE

Display Resolution

- Full High-Definition (2160 x 1080)

Scan Engine Model

- Honeywell S0703 VE; Honeywell FlexRange

Scan Engine Type

- Laser aimer

Display Size

- 13.97 cm (5.5 in)

Processor

- Qualcomm QCS4290/QCM4290 octa-core, 2.0GHz

ELECTRICAL

Battery capacity

- 3400mAh

Battery Types

- Replaceable between shifts; Warm-swappable

Battery Type

- Li-Ion; smart battery with integrated diagnostics tools

ENVIRONMENTAL

Storage Temperature Range

- 22°F to 158°F
- 30°C to 70°C

Operating Temperature

- 10°C to 50°C (14°F to 122°F)

Operating Humidity

- 5% to 95% (non-condensing)

STANDARDS & APPROVALS

Tumble Specifications

- Exceeds 500 0.5 m (1.64 ft) tumbles per IEC 60068-2-32 specification

Drop Specifications

- 1.2 m (4 ft) to concrete at through operating temperature per MIL-STD 810H; 1.5m (5ft) to concret at

Feedback

Protection Ratings•
IP67

SERVICE TERMS

Warranty Duration•
• LTE Advanced Support
• One-year factory warranty

ERP

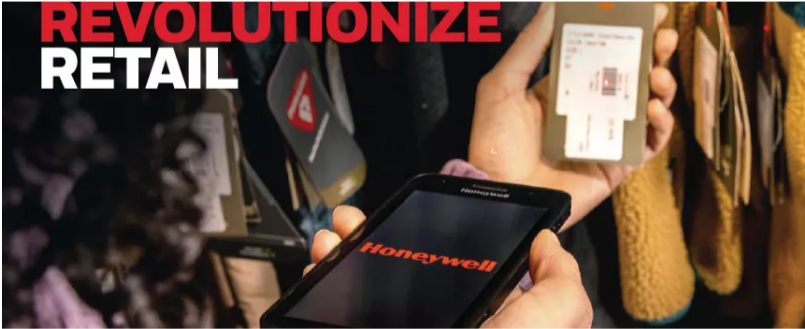
Brand•
Honeywell

OTHERS

Operating System Type• Android
Camera Position• Rear and Front

Platform• Mobility Edge
Keyboard• Touchscreen

Feedback



Read our solution brief to learn how the CT30 XP can help share the future of your retail operations.

[DOWNLOAD →](#)

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Safety and Productivity
Solutions
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