

CT40 XP HC Technical Specifications

MECHANICAL

Dimensions: 162 mm x 77 mm x 18.2 mm (6.4 in x 3.0 in x 0.7 in)

Weight: 289 g (10.1 oz) with battery pack

Display Size: 12.7 cm (5.0 in)

Resolution: High Definition (1920 x 1080)

Backlight: LED

Touchscreen: Multi-touch capacitive, Corning Gorilla Glass 5

Hard Keys: Volume up/down key, left/right scan, power button, push to talk button

Soft Key: On-screen scan button, reprogrammable into an application quick launch key

Audio: PTT button, VoIP ready, speaker, HAC-compliant

I/O Ports: Durable, custom IO connector

ENVIRONMENTAL

Operating Temperature: -20°C to +50°C (-4°F to +122°F)

Storage Temperature: -30°C to +70°C (-22°F to +158°F)

Humidity: 5% to 95% (non-condensing)

Drop: Multiple 1.2 m (4 ft) drops to concrete at -10°C to +50°C (+14°F to +122°F).

Multiple drops from 1.8 m (6 ft) to concrete per MIL-STD-810G with rubber boot

Tumble: 1,000 times at 0.5 m (1.6 ft)

ESD: ±8 kV direct; ±15 kV air

Environmental Sealing: IP67 and IP65 for moisture and particle intrusion

DATA SECURITY

- FIPS 140-2 level 1 at rest

- FIPS 140-2 level 1 in motion

SYSTEM ARCHITECTURE

Processor: 2.2 GHz Qualcomm® Snapdragon™ 660 octa-core

Memory: 4 GB DDR4x RAM, 32 GB Flash

Operating System: Starts with Android 9.1; Guaranteed compatibility with Android R, Committed support for Android 12 and 13 pending feasibility

Default Language: World Wide English

Storage Expansion: User-accessible microSD card up to 512 GB (SDXC/SDHC/SDIO-compliant)

Battery: Li-Ion, 3.85 V, 4020 mAh; smart battery with integrated diagnostic tools, super capacitor

Hours of Operation: 12+ hours (depends on use)

Scan Engine: Honeywell N6700 Slim Imager 1D/2D barcode symbologies, Honeywell SDKs for Android

Application Software: Honeywell utilities and demos

Camera: 13-megapixel color camera with autofocus, 8-megapixel front-facing camera

Sensor: Ambient light sensor, proximity sensor, accelerometer, gyroscope

WARRANTY

One-year factory warranty

WIRELESS CONNECTIVITY

WWAN: WWAN Radio (ATT/VZW/SPRINT/TMO/NA/EU)

LTE Advanced Support

Up to 400 Mbps CAT13 LTE downlink

Up to 75 Mbps CAT5 LTE uplink

LTE (FDD): Bands 1, 2, 3, 4, 5, 7, 8, 12, 13,

17, 19, 20, 25, 26, 28, 29

LTE (TDD): Bands 38, 39, 40, 41

UMTS/HSPA+ (3G): Bands 1, 2, 4, 5, 6, 8, 9, 19

GSM/GPRS/EDGE Quad-Band (850/900/1800/1900 MHz)

1xRTT/EV-DO: Bands BCO, BC1, BC10 (B26BW)

WLAN: IEEE 802.11 a/b/g/n/ac; Wi-Fi certified, 2*2 MIMO

Additional WLAN Features: 802.11 d/e/h/i/k/r/u/w

WLAN Security: OPEN, WEP, WPA/WPA2 (Personal and Enterprise)

Supported EAP: TLS, PEAP, TTLS, PWD,

LEAP CCX Version 4 certified

Bluetooth: V5.0 Bluetooth and second BLE supported

Bluetooth Profiles: HFP, PBAP, A2DP, AVRCP, OPP, SPP, GATT

NFC: Integrated Near Field Communication

VPN: IPSec V4/L2TP, PPTP

Push to Talk (PTT): Supported

GPS Supported Protocols: Simultaneous GNSS Receiver Support for GPS, GLONASS,

Galileo and BeiDou

** Specifications are subject to change without notice.*

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance.

For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies.

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For more information

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