

CT40 XP HC

Enterprise Mobile Computer for Healthcare

The CT40 XP HC, a comprehensive clinician workflow tool, delivers unbeaten productivity and protects hospital professional and patients from bacteria and virus transition.



Better technology improves healthcare safety. Hospitals employ strict protocols for routine cleaning and disinfecting of devices to protect the health and safety of both healthcare professionals and patients. The Honeywell CT40 XP HC is disinfectant-ready to tolerate frequent cleaning with disinfecting products containing harsh chemicals without any damaging or compromising the functionality of the device.

Medical errors are a major healthcare concern, and the right technology can make all the difference in patient safety. Equipped with Honeywell's 7th Generation 2D imager, the N6700, the CT40 XP enables healthcare professionals to quickly and accurately read 1D and 2D barcodes on virtually any medium found in the hospital, including patient wristbands, vials, syringes and IV bags.

The CT40 XP HC: an essential, connected, all-purpose clinic mobile device that designed for hours of comfortable, productive use without sacrificing functionality, performance and ruggedness.

With advanced features the CT40 XP HC reduces operational downtime, leaving more time for patient care. For example, caregivers can swap out a low battery without powering off the operation system, enabling clinicians and staff to maintain uninterrupted access to clinical systems, vital patient data and communications.

Integrating with nurse call systems, the CT40XP HC helps to minimize alarm fatigue, while keeping caregivers in touch. Available with an 8-megapixel front facing camera, a dedicated push-to-talk button, a brilliant 1920*1080p full high-definition display and a disinfectant ready display dock, the CT40 XP HC is a key enabler for mobile clinics and telehealth applications.

Misplaced and lost assets cause not only operational downtime, but also raise the risk of exposure of private patient data. With "Device Finder" capability, the CT40 XP HC can easily locate lost devices days after the battery is depleted.

Data security is everyone's concern. The CT40 XP HC is built on the Mobility Edge platform, a stabilized, locked down, certified integration of software, memory, communications and CPU that enables best in class lifecycle, OS updates and security. The best way to optimize security is to use the most recent version of Android. The CT40 XP HC comes with guaranteed compatibility with Android 11 (R), with Honeywell's commitment to support Android 12 (S) and 13 (T), subject to feasibility. In addition, the CT40 XP HC is compliant with the FIPS 140-2 Level 1 security requirements to protect patient data – the highest level of data security in its class.

FEATURES AND BENEFITS



The Mobility Edge enterprise management tools allow IT teams to test and validate applications once, accelerate deployments, optimize device performance, simplify maintenance, and extend product lifecycle.



Snappy, accurate data capture with Honeywell 7th Generation scan imager, a 13-megapixel, auto-focus camera and 8-megapixel front facing camera



Protect security to easily locate the lost or misplaced device by a second BLE beacon even when the battery is drained. FIPS-2 level 1 compliant to achieve high level of data security on patient data.



Easy compatibility and seamless integration with Honeywell Operational Intelligence and leading healthcare applications to maximize efficiency and utility



Disinfectant-ready housing and purpose-built accessories specifically designed to withstand frequent exposure to cleaning solutions recommended for the healthcare industry.

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 BC0, 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.*

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