

CT40

Mobile Computer

Today's retailers need mobile devices that can help them deliver a consistent, high-quality experience across channels to their customers. Ideally, they want a single device that can handle it all – from order picking at the distribution center to in-store merchandising and home delivery.

Introducing the Honeywell CT40 mobile computer. Designed for retail store associates and other highly mobile workers, the lightweight, ergonomic CT40 is a sleek and stylish enterprise-class, full-touch device that helps improve worker productivity and minimize fatigue. Equipped with a high-performance octa-core chipset, fast Wi-Fi, and 4G LTE connectivity, the CT40 mobile computer gives associates quick access to business-critical information whenever they need it. The CT40 device is built tough with a rugged housing and Corning® Gorilla® Glass 5 screen to protect the unit against drops and falls.

Built on Honeywell's Mobility Edge™ platform, the CT40 mobile computer is upgradable across five generations of Android™, providing a lower overall TCO and maximizing return on customer investment. And it's validated by Android Enterprise Recommended, a Google-led initiative that helps businesses confidently select, deploy, and manage the Android devices and services best suited to their enterprise needs.

Compatible with a broad range of Honeywell connected applications, third-party software, and a comprehensive portfolio of accessories, the CT40 mobile computer is more than just a hardware device. It's a highly integrated solution for retail and light-duty field mobility environments – from the shop floor and the backroom indoors to light-duty logistics and delivery outdoors.



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Built on the future-proof Mobility Edge platform, the sleek and versatile CT40 mobile computer enables retail associates and highly mobile workers to increase productivity and deliver a seamless customer experience throughout the day.

FEATURES AND BENEFITS



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



Future-proof investment protection with support for five Android generations, starting with Android 7.1 (N). Security updates available for up to five years past the last Google patch through Honeywell Sentinel.



Easy compatibility and seamless integration with both Honeywell Connected applications as well as third-party applications such as MDM, Push to Talk, and VoIP software to maximize efficiency and protect your investment.



The rugged, sleek CT40 device is ergonomic, lightweight, and simple to use, fitting easily in the hand and able to be used comfortably and productively all day long.



Three scan imager options offered for enhanced data capture speed and reading range, even outdoors; choose user-friendly green LED dot or sharp red frame laser aimer.

CT40 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) TFT

Resolution: High Definition (1280 x 720)

Backlight: LED

Touchscreen: Multi-touch capacitive, Gorilla Glass 5

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

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

Audio: 3.5 mm jack**, PTT, 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; ±12 kV air

Environmental Sealing: Independently certified to meet IP64 standards for moisture and particle intrusion

SYSTEM ARCHITECTURE

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

Memory: 2 GB or 4 GB DDR4 RAM, 32 GB Flash

Operating System: Each Android version guaranteed from 7.1 to at least 11/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

Hours of Operation: 12+ hours

Scan Engine: Honeywell N3601, N6603, N6703, S0703 and FlexRange Slim Imager (1D/2D barcode symbologies), Honeywell SDKs for Android

Application Software: Honeywell utilities and demos

Camera: 13-megapixel color camera with autofocus

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

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, FAST, LEAP CXX Version 4 certified

Bluetooth®: V5.0 Bluetooth and 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.

** 3.5mm jack is available on Wi-Fi version only.

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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Bluetooth is a trademark or registered trademark of Bluetooth SIG, Inc. in the United States and/or other countries.



For more information

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CT40 XP

Enterprise Mobile Computer

The CT40 XP is one stop productivity solution for store associates and mobile workers. The device seamlessly accomplishes daily workflows from inventory lookup and in-store merchandising to last mile delivery.

Built on Honeywell's Mobility Edge™ platform, the CT40 XP's common software ecosystem strengthens its security, accelerates multiple deployment and extends its lifecycle.

With Honeywell's latest FlexRange™ imager, the CT40 XP captures barcodes from a distance of a few centimeters up to 10 meters (32.8 feet). It's sleek and achieves hours of productive use. Available with an 8-mega pixel front facing camera with with a 1920 x 1080 pixel display, the CT40 XP is a perfect solution for group training and remote inspection.

Missing or misplaced IT assets cause not only operational downtime, but can lead to security risks. Featuring "Device Finder" solution, the CT40 XP can easily be located when misplaced or lost, even when the batteries are drained after a certain period of time. That helps to protect your investment and provide operational efficiency.

The CT40 XP reduces device operational downtime due to its warm swap capability and the ruggedness of the device. Store associates are able to swap the battery without powering off the operating system. Combined with a rugged package and a protective boot that survive repeated 1.8-meter drops, the CT40 XP will deliver reliable, secure performance for years, maximizing return on investment.

The CT40 XP includes the Mobility Edge system-on-module (SOM), a locked-down, standardized computer platform incorporating a powerful Qualcomm® processor that is easily upgradable to Android 12 (S), with a commitment to support Android 13 (T), subject to feasibility.



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The CT40 XP: An essential, connected, all-purpose business tool designed for hours of comfortable, productive use without sacrificing functionality, performance or ruggedness.

DISINFECTANT-READY HOUSINGS – NEW!

Select models now available with disinfectant-ready housings. These models can be cleaned regularly with a wide variety of cleaning solutions without damaging your product.

FEATURES AND BENEFITS



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



Snappy, accurate data capture from a few centimeters up to 10 m (32.8 ft) with Honeywell's innovative FlexRange scan imager, a 13-megapixel, auto-focus camera and 8-megapixel front-facing camera.



Easily locate a lost device to prevent productivity loss even when the battery is drained thanks to a second BLE beacon. Includes warm swap for uninterrupted operation for battery swap.



Achieve a balance of ergonomics and ruggedness. With a protective boot, it avoids wear and tear further. Easy to charge without taking off the hard boot.



Easy compatibility and seamless integration with both Honeywell-connected applications as well as third-party applications such as MDM, Push to Talk and VoIP software to maximize efficiency and protect your investment.

Honeywell

CT40 XP 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: 3.5 mm jack (available on Wi-Fi version only), PTT, VoIP ready, speaker, HAC-compliant

I/O Ports: Durable, custom IO connector, USB Type C

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 hard protective boot

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

ESD: ±8 kV direct; ±15 kV air

Environmental Sealing: Independently certified to meet IP67 and IP65 standards for moisture and particle intrusion

SYSTEM ARCHITECTURE

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

Memory: 4 GB DDR4x RAM, 32 GB Flash

Operating System: Each Android version guaranteed from 9.1 to at least Android 12/S, committed support for Android 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 FlexRange, N6703, S0703 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

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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

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For more information

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