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.

DESIGN AWARD 2019

reddot award 2019 winner

android enterprise recommended

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.

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.

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.

ENERGY ELECTRONICS

Honeywell

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 CCX 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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