# **CT60**

# Mobile Computer

The Honeywell CT60 mobile computer is designed for enterprises that require anywhere, anytime, real-time connectivity to business-critical applications and fast data capture capabilities in a highly durable, long-lasting form factor built for maximum uptime and productivity out in the field or on the selling floor.

Built on the Mobility Edge™ platform, the CT60 mobile computer offers an integrated, repeatable, and scalable approach based on a common hardware and software platform – unleashing customers from constraints faced today around integration and inflexible technologies without sacrificing enterprise security, reliability, performance, or management features.

Juggling multiple devices across the enterprise introduces time- and cost-intensive complexities for Enterprise IT to manage and maintain. The CT60 mobile computer, with the Mobility Edge platform, enables customers to accelerate provisioning, certification, and deployment across the enterprise. The CT60 mobile computer offers an extended product lifecycle across four generations of Android™ to maximize return on customer investment and provide a lower TCO. 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.

The CT60 mobile computer is packed with features to keep workers connected and productive all day long. The industry-leading advanced network connectivity facilitates large file transfers, video streaming, and quick remote access to business applications with enough battery power to last an entire shift.





The CT60 mobile computer, built on the Mobility Edge platform, delivers real-time connectivity, advanced data capture, and future-proof investment protection.

Fast, accurate 1D/2D scanning and data capture is possible even on the most damaged barcodes.

The rugged design withstands accidental drops and falls, yet is ergonomic and lightweight for comfortable, everyday use. A vivid 118 mm (4.7 in) Corning® Gorilla® Glass 5 touchscreen display is easily read indoors and out, and can be used with finger, glove, or stylus.

### **FEATURES AND BENEFITS**



Common hardware platform and enterprise lifecycle tools drive an integrated, repeatable, scalable approach for accelerated and secure development, deployment, performance management, and lifecycle management.



Support through Android R, starting with Android 8.1 (O). Additionally, customers using Windows\*based operating systems can migrate to Android without sacrificing reliability, performance, or management features.



The CT60 mobile computer is the first enterprise-grade device with LTE-Advanced and carrier aggregation for speeds up to 300 Mbps. Provides better network coverage, speed, anytime, anywhere connectivity, and device longevity.



Advanced 2D imager delivers best-in-class data capture on linear and 2D barcodes.
Optional scan handle for flexibility to switch between handheld and pistol grip operations to reduce user fatigue.



Sleek, lightweight, and rugged. Fits easily into a pocket. IP65 and IP67 ratings against dust/water spray; can withstand multiple 1.5 m (5 ft) drops to concrete and 1,000 1.0 m (3.3 ft) tumbles.



## CT60 Technical Specifications

#### SYSTEM ARCHITECTURE

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

**Operating System:** Each Android version guaranteed from 7.1 to at least 11/R, committed support for Android 12 and 13 pending feasibility

Memory: 3 GB/4 GB DDR4 RAM, 32 GB Flash

**Display:** 118 mm (4.7 in) High Definition (1280 x 720) bright color LCD with backlight, outdoor readable, optically bonded to touch panel, oleophobic fingerprint rejection

**Touch Panel:** Rugged multi-touch capacitive touch panel, optically bonded for extra durability and better sunlight readability. Automatic switching between glove and finger modes. Water droplet rejection. Visibility of the screen in landscape mode with polarizing glasses in sunny environments. Covered with Gorilla Glass 5 for increased resistance to drops. (Gorilla Glass 5 is offered only in models with N6703SR or N6703HD scan engines)

**Keypad:** On-screen customizable keypad, dual-action side scan triggers, volume up/down, camera, power button

**Audio:** Speaker, dual microphone support with noise cancellation. PTT support and Bluetooth® wireless headset support

I/O Ports: Durable, custom IO connector Camera: 13-megapixel color camera, 4K

video with image stabilization, and advanced software features for enhanced exposure control

**Sensors:** Ambient light sensor, proximity sensor, accelerometer, gyroscope, magnetometer, pressure sensor

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

**Battery:** Li-Ion, 3.6 V, 4040 mAh with integrated battery diagnostics. Warm swap capability that allows 1 minute to change batteries without loss of application work flow. (Warm swapping is offered only in models with N6703SR or N6703HD scan engines)

Hours of Operation: 12+ hours

**Decode Capabilities:** Honeywell N6603SR, N6703SR, or N6703HD Slim Imager Engines (1D/2D barcode symbologies), Honeywell SDKs for Android

**Application Software:** Honeywell Utilities and Demos

Warranty: One-year factory warranty

#### For more information

www.honeywellaidc.com www.android.com/AER

#### Honeywell Safety and Productivity Solutions

9680 Old Bailes Road Fort Mill, SC 29707 800-582-4263 www.honeywell.com

#### WIRELESS CONNECTIVITY

Cellular Radio

LTE Advanced Support

Supports VoLTE

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 (B26

WLAN: IEEE 802.11 a/b/g/n/ac; Wi-Fi certified

Additional WLAN Features: 802.11 r (802.11 k/mc –

via future release)

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 A-GPS, GLONASS, Qualcomm Gen9 position engine, Galileo, and BeiDou

#### MECHANICAL

**Dimensions:**  $160 \text{ mm} \times 82.5 \text{ mm} \times 19 \text{ mm}$   $(6.3 \text{ in} \times 3.2 \text{ in} \times 0.75 \text{ in})$ 

Weight: 350 grams (12.4 oz) with battery pack

# ENVIRONMENTAL

Operating Temperature:  $-20^{\circ}$ C to  $50^{\circ}$ C  $(-4^{\circ}$ F to  $122^{\circ}$ F)

Storage Temperature:  $-30^{\circ}$ C to  $70^{\circ}$ C ( $-22^{\circ}$ F to  $158^{\circ}$ F)

**Humidity:** 0% to 95% relative humidity (non-condensing)

**Drop:** 2.4 m (8 ft) to concrete at room temp

per MIL-STD 810G; 1.5 m (5 ft) to concrete at -10°C

to  $50^{\circ}$ C ( $14^{\circ}$ F to  $122^{\circ}$ F) temperature range; 1.2 m (4 ft) to concrete down to  $-20^{\circ}$ C ( $-4^{\circ}$ F)

**Tumble:** Exceeds 1,000 1.0 m (3.3 ft) tumbles per IEC 60068-2-32 specification

ESD: ±15 kV Air and ±8 kV Direct Environmental Sealing: Independently certified to meet IP67 and IP65 standards for moisture and particle intrusion

# ADDITIONAL CERTIFICATIONS AND APPROVALS\*

US/

IEC Ex:

Canada: Class 1 Div 2, Groups, A, B, C, D

Class 2 Div 2, Groups F, G

Class 3

-20°C<Tamb<50°C ☐ IIC T4 Gc IP64

**⑤** IIIB T135°C Dc IP64-20°C <Tamb < 50°C</li>

\*Available on specific models with the H6603SR scan engine, Gorilla Glass 3, and no warm swap

Refer to the Honeywell compliance center at <a href="www.honeywellaidc.com/compliance">www.honeywellaidc.com/compliance</a> to review and download any publicly available documentation pertaining to the certification of this product in a given country.

For a complete listing of all supported barcode symbologies, please visit

www.honeywellaidc.com/symbologies.

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