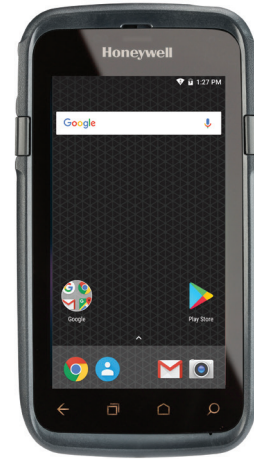# Dolphin CT60
Mobile Computer

Honeywell's Dolphin™ 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 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, with Honeywell's Mobility Edge platform, enables customers to accelerate provisioning, certification and deployment across the enterprise. The CT60 offers an extended product lifecycle across four generations of Android™, from Android Nougat to Android Q, to maximize return on customer investment and provide a lower TCO. The CT60's advanced enterprise lifecycle tools greatly simplify frequently repeated tasks such as software updates, training of new employees, and managing spare pools.

The CT60 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. Fast, accurate 1D/2D scanning and data capture is possible even on most damaged barcodes. The rugged design withstands accidental drops and falls, yet is ergonomic and lightweight for comfortable, everyday use. A vivid 4.7" Corning® Gorilla® Glass touchscreen display is easily read indoors and out, and can be used with finger, glove, or stylus.

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

FEATURES & BENEFITS

Mobility Edge Hardware and Software Platform – Common hardware platform and enterprise lifecycle tools drive an integrated, repeatable, scalable approach for accelerated and secure development, deployment, performance management and lifecycle management.

Future-Proof Investment Protection – Support for four Android generations starting with Android 7.1.1. Additionally, customers using Windows-based operating systems can migrate to Android without sacrificing reliability, performance, or management features.

Optimal Connectivity – The CT60 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.

Unparalleled Scanning Performance – 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.

Rugged, Ergonomic And Built To Last – Sleek, lightweight, and rugged. Fits easily into a pocket. IP65 and IP67 ratings against dust/water spray; can withstand multiple 1.5 m drops to concrete and 1,000 1.0 m tumbles.

Dolphin CT60 Technical Specifications

SYSTEM ARCHITECTURE

Processor: 2.2 GHz Qualcomm Snapdragon™ 660 octa-core

Operating System: Android 7.1.1 Nougat (system compatibility through Android Q)

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

Display: 118 mm (4.7 in) 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

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

Audio: Speaker, T3/M3 HAC-compliant, 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

Hours of Operation: 12+ hours

Decode Capabilities: Honeywell N6600 Slim Imager Engine (1D/2D barcode symbologies) Honeywell SDKs for Android

Application Software: Honeywell Utilities and Demos

Warranty: One-year factory warranty

WIRELESS CONNECTIVITY

WWAN: WWAN Radio (ATT/VZW/SPRINT/TMO/NA/EU) with two micro-SIM slots
LTE Advanced Support
- Up to 400 Mbps CAT13 LTE downlink
- Up to 75 Mbps CAT5 LTE uplink
   o LTE (FDD) – Bands 1,2,3,4,5,7,8,12,13,17,19, 20,25,26,28,29
   o LTE (TDD) – Bands 38,39,40,41
   o UMTS/HSPA+ (3G) – Bands 1, 2, 4, 5, 6, 8, 9, 19
   o GSM/GPRS/EDGE Quad-Band (850/900/1800/1900 MHz)
   o 1xRTT/EV-DO (Bands BC0,BC1,BC10 (B26 BW))
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 (B26 BW))

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

Additional WLAN Features: 802.11r (802.11k/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

VoIP: Supported

VPN: IPSec V4/L2TP, PPTP

Push to Talk (PTT): Supported

GPS Supported Protocols: Simultaneous GNSS Receiver Support for GPS, GLONASS, Galileo and Beidou

MECHANICAL

Dimensions: 160 mm x 82.5 mm x 19 mm (6.3 in x 3.2 in x 0.75 in)

Weight: 350 grams (12.4 oz) with battery pack

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: 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°C temperature range; 1.2 m (4 ft) to concrete down to -20°C

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

ESD: ±15KV Air and ±8KV Direct

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

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.

For more information

www.honeywellaidc.com

Honeywell Safety and Productivity Solutions

9680 Old Bailes Road
Fort Mill, SC 29707
honeywell.com

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