CT60 XP

Mobile Computer

The Honeywell CT60 XP 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.



android enterprise recommended

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

Built on the Mobility Edge platform, the CT60 XP 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 XP mobile computer enables customers to accelerate provisioning, certification and deployment across the enterprise. It also offers an extended product lifecycle across five generations of Android to maximize return on customer investment and provide a lower TCO. And it's validated by Android Enterprise Recommended (AER), a Google-led initiative that helps businesses confidently select, deploy and manage the Android devices and services best suited to their enterprise needs.

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.

The CT60 XP 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. Fast, accurate FlexRange based 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, with 500 nits maximum brightness, 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 for five Android generations starting with Android 9 (P). Additionally, customers using Windows-based operating systems can migrate to Android without sacrificing reliability, performance or management features.

The CT60 XP 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.

Includes Mobility Edge FlexRange, the feature-rich, long-range image capture technology with breakthrough scan performance and best-in-class compact package. 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 IP68 ratings against dust/water spray; can withstand multiple 2.4 m (8 ft) drops to concrete and 2,000 1.0 m (3.3 ft) tumbles.

Honeywell

CT60 XP Technical Specifications

SYSTEM ARCHITECTURE

Processor: 2.2 GHz Qualcomm Snapdragon 660 octa-core

Operating System: Android 9 (P), upgradeable through Android 11 (R) and committed to compatibility through Android 13 (T).

Memory: 4 GB DDR4 RAM, 32 GB Flash

Display: 118 mm (4.7 in) High Definition (1280 x 720) bright color LCD with brightness up to 550 nit, 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 with screen protector mode. Covered with Gorilla Glass 5 for increased resistance to drops.

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 battery swap capability, allowing up to 1 minute to change the battery

Hours of Operation: 12+ hours

Decode Capabilities: Honeywell N6803, 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

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:

- 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 (B26 BW)

WLAN: IEEE 802.11 a/b/g/n/ac; Wi-Fi certified, 2x2 MIMO

Additional WLAN Features: 802.11d/e/h/i/k/r/u/w

Security: OPEN, WEP, WPA/WPA2 (Personal and Enterprise)

Supported EAP: TLS, PEAP, TTLS, PWD, LEAP, CCX compatible

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

DATA SECURITY

FIPS 140-2 Level 1 Validated:

- Data at Rest
- Data in Motion

STIG Certified

APL Certified

Note: These both fall under data security but aren't related to the FIPS 140 item.

MECHANICAL

Dimensions: 161 mm x 84 mm x 20.5 mm (6.3 in x 3.3 in x 0.8 in)

Weight: 360 grams (12.7 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 (Multiple): 2.4 m (8 ft) to concrete at -20°C to 50°C (-4°F to 122°F) per MIL-STD 810G; 2.4 m (8 ft) to concrete at -0°C to 50°C (32°F to 122°F) per MIL STD 810H for disinfectant-ready housing

Tumble: Exceeds 2,000 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 IP68 and 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.

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