

HONEYWELL CT40



PERFORMANCE
PARTNER PROGRAM
PLATINUM LEVEL



Industrial-grade full-touch device in smartphone optics

The Dolphin CT40 mobile computer is based on the Honeywell Mobility Edge™ platform and maximizes ROI by supporting five Android™ generations.

CHARACTERISTICS

With its extremely robust housing and the Corning Gorilla Glass 5™ display, it is perfect for a harsh working day and even survives drops. With Mobility edge management tools, you can test, validate and deploy applications across the enterprise, optimize device performance, simplify software updates, training and maintenance, and extend the entire product lifecycle. This handy device fits in any pocket, but with its protection class is equipped for difficult environmental conditions.

AT A GLANCE

- Available on five Android™ generations (from Android Nougat to Android R)
- Fast and reliable 2.2 GHz Qualcomm® Snapdragon™ 660 Processor (Eight Cores)
- Very compact, yet reliably protected against dust, water and drops
- Ergonomically designed, lightweight, yet so robust that even accidental drops do not matter
- Two scan engine options for extra fast data collection and large indoor and outdoor reading ranges

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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:** 278 g (9.8 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:** Speaker, HAC-compliant
- **I/O Ports:** Durable, custom IO connector

ENVIRONMENTAL

- **Operating Temperature:** -10°C to +50°C (+14°F to +122°F)
- **Storage Temperature:** -20°C to +60°C (-4°F to +140°F)
- **Humidity:** 10% to 90% (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:** Android 7.1 Nougat, upgradable through Android R
- **Default Language:** World Wide English
- **Storage Expansion:** User-accessible microSD card up to 512 GB (SDXC/SDHC/SDIO-compliant)
- **Battery:** Li-Ion, 3.8 V, 4090 mAh; smart battery with integrated diagnostic tools
- **Hours of Operation:** 12+ hours

- **Scan Engine:** Honeywell N3601 and N6603 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

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 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 GPS, GLONASS, Galileo, and Beidou

WARRANTY

One-year factory warranty

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Accessories

Item number	Description
CT40-CB-CNV-0	Charge Base, Standard: For recharging up to four computers. Kit includes dock and power supply. Power cord must be ordered separately.
CT40-CB-CNV-1	Charge Base, for U.S.: For recharging up to four computers. Kit includes dock, power supply, and U.S. power cord.
CT40-CB-CNV-2	Charge Base, for EU: For recharging up to four computers. Kit includes dock, power supply, and EU power cord.
CT40-CB-CNV-3	Charge Base, for UK: For recharging up to four computers. Kit includes dock, power supply, and UK power cord.
CT40-NB-CNV-0	Net Base, Standard: For Ethernet comms and recharging up to four computers. Kit includes dock and power supply. Power cord must be ordered separately.
CT40-NB-CNV-1	Net Base, for U.S.: For Ethernet comms and recharging up to four computers. Kit includes dock, power supply, and U.S. power cable.
CT40-NB-CNV-2	Net Base, for EU: For Ethernet comms and recharging up to four computers. Kit includes dock, power supply, and EU power cable.
CT40-NB-CNV-3	Net Base, for UK: For Ethernet comms and recharging up to four computers. Kit includes dock, power supply, and UK power cable.
CT40-QBC-0	QBC, Standard: For recharging up to four batteries. Kit includes dock and power supply. Power cord must be ordered separately.
CT40-QBC-1	QBC, for U.S.: For recharging up to four batteries. Kit includes dock, power supply, and U.S. power cord.
CT40-QBC-2	QBC, for EU: For recharging up to four batteries. Kit includes dock, power supply, and EU power cord.
CT40-QBC-3	QBC, for UK: For recharging up to four batteries. Kit includes dock, power supply, and UK power cord.
CT40-HB-0	Home Base, Standard: Kit includes dock and power supply. Power cord must be ordered separately. For recharging computer and battery. Supports USB client via USB Type B connector.
CT40-HB-1	Home Base, for U.S.: Kit includes dock, power supply, and U.S. power cord. For recharging computer and battery. Supports USB client via USB Type B connector.
CT40-HB-2	Home Base, for EU: Kit includes dock, power supply, and EU power cord. For recharging computer and battery. Supports USB client via USB Type B connector.
CT40-HB-3	Home Base, for UK: Kit includes dock, power supply, and UK power cord. For recharging computer and battery. Supports USB client via USB Type B connector.
CT40-EB-0	Ethernet Home Base, Standard: Kit includes dock and power supply. Power cord must be ordered separately. For recharging computer, battery, and Ethernet comms. Supports USB client via USB Type B connector.
CT40-EB-1	Ethernet Home Base, for U.S.: Kit includes dock, power supply, and U.S. power cord. For recharging computer, battery, and Ethernet comms. Supports USB client via USB Type B connector.
CT40-EB-2	Ethernet Home Base, for EU: Kit includes dock, power supply, and EU power cord. For recharging computer, battery, and Ethernet comms. Supports USB client via USB Type B connector.

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Item number	Description
CT40-EB-3	Ethernet Home Base, for UK: Kit includes dock, power supply, and UK power cord. For recharging computer, battery, and Ethernet comms. Supports USB client via USB Type B connector.
CT40-SN-USB-0	Snap-On Adapter with Tethered USB Cable to Support USB Client: Provides tethered USB Client connectivity. Compatible with hand strap, battery pack, and scan handle. Charges mobile computer battery in four hours or less. Kit includes snap-on adapter. Optional 50130570-001 (5 V/2 A) USB power wall adapter sold separately.
318-055-010	Spare Battery Pack: Dolphin CT40 battery pack, 4090 mAh.
50121666-001	Desktop Power Supply: A 36 W power supply for use with Ethernet home base, charge-only home base, and quad battery charger. Requires country-specific line cord to be ordered separately.
50121667-001	Quad Base Power Supply: A 84 W power supply for use with four-bay charging base and four-bay net base. Requires country-specific line cord to be ordered separately.
50130570-001	Power Adapter, Plugs: Kit, 5 V/2 A PS, includes five adapters: U.S., UK, AU, EU, and IN plugs.
50130570-001	Power Plug Adapter Kit: USB power adapter (5 V, 2 A) kit for snap-on adapter, includes EU, UK, U.S., and IN plugs.
CT40-SH-DC	Scan Handle, Compatible with Charging Dock: Snaps easily on or off the mobile computer. Compatible with charging docks, hand strap, and snap-on adapter.
825-238-001	Holster: Holster suitable for use with Dolphin CT50, CT60, and CT40.
CT40-RB-00	Rubber Boot: Black rubber protective boot for Dolphin CT40.
825-237-001	Pouch: Pouch suitable for use with Dolphin CT50, CT60, and CT40.
CT40-HS-3PK	Kit, Hand Strap (3/pk): Kit of three replacement hand straps for Dolphin CT40.
CT40-SP-10PK	Kit, Screen Protector (10/pk): Contains ten self-adhesive screen protectors.
856-065-004	Industrial-Grade Micro-SD Card*: Micro-SD card, 1 GB, AF1GUDI, RoHS
856-065-005	Industrial-Grade Micro-SD Card*: Micro-SD card, 2 GB, AF2GUDI, RoHS
856-065-006	Industrial-Grade Micro-SD Card*: Micro-SD card, 4 GB, AF4GUDI, RoHS
856-065-007	Industrial-Grade Micro-SD Card*: Micro-SD card, 8 GB, AF8GUDI, RoHS
50127245-001	Power Cord – India: Power cord, India, 1.5 m (4.9 ft)
50117501-001	Power Cord – Australia: Power cord, Australia, 2.5 m (8.2 ft)
50117503-001	Power Cord – CB: Power cord, Argentina, Isled CB
77900506E	Power Cord – U.S.: Power cord, U.S., IEC320-C13, 1.85 m (6.07 ft)
77900507E	Power Cord – UK: Power cord, UK, IEC320-C13, 2.5 m (8.2 ft)
77900508E	Power Cord – EU: Power cord, Europe, IEC320-C13, 2.5 m (8.2 ft)
19-19807	Power Cord – China: Cable, China cord set (CCC), 2.5 m (8.2 ft)
19-19726	Power Cord – U.S.: Cable, power cord/IEC, U.S., 2.5 m (8.2 ft)