TISWARE

HARDWARE

HONEYWELL CK65

Honeywell

PERFORMANCE
PARTNER PROGRAM

PLATINUM LEVEL

Productivity in the hands of your employees

The Dolphin CK65 mobile computer is based on the Honeywell Mobility Edge™ platform and, with support up to Android™ R, maximizes ROI.

CHARACTERISTICS

The Dolphin CK65 handheld is ideal for use in the warehouse, manufacturing and other challenging environments.
The device is based on Honeywell's Mobility Edge™ platform, an integrated scalable solution based on a common hardware and software platform.
With compatibility to Android™ R, the device offers a long product life cycle to maximize profitability and lower total cost of ownership.
The sturdy Dolphin CK65 mobile computer has a fast processor, advanced network connectivity, advanced 1D/ 2D scanning, and a long battery life of over 18 hours.

AT A GLANCE

- Available on several Android™ generations up to Android R

- Fast and reliable 2.2 GHz Qualcomm® 64-bit Snapdragon™ (octa-core) processor

- IP64-certified

- Withstands several drops from 2.4 m height to concrete and 2,000 falls from 1.0 m.

- Large touchscreen is easy to read indoors and can be operated with finger, glove or pen

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HARDWARE

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TECHNICAL SPECIFICATIONS

SYSTEM ARCHITECTURE

- **Processor:** 2.2 GHz Qualcomm® 64-bit Snapdragon™ octa-core
- **Operating System:** Android 8.0 Oreo (system compatible up to Android R)
- **Memory:** 2 GB/4 GB DDR4 RAM, 32 GB Flash
- **Display:** 10.16 cm (4 in) 480 x 800 bright color LCD with backlight, outdoor readable, optically bonded to touch panel
- **Touch Panel:** Rugged multi-touch capacitive touch panel, optically bonded for extra durability and better sunlight viewability. Automatic detection and configuration utilizing mutual and self-capacitance modes for water rejection and use with many off-the-shelf gloves
- **Keypad:** 51-key alpha or 38-key numeric keypad, plus two programmable side buttons
- **Audio:** Speaker, microphone support with noise cancellation. PTT support and Bluetooth® wireless headset support
- **I/O Ports:** Durable, custom I/O connector compatible with CK3 accessories
- **Camera:** 13.0-megapixel color camera with autofocus and advanced software features for better image quality, f/2.0 aperture, flash LED with flashlight mode
- **Sensors:** Ambient light sensor, accelerometer, gyroscope, hall effect
- **Storage Expansion:** User-accessible microSD card up to 512 GB (SDXC/SDHC/SDIO-compliant)
- **Battery:** Li-Ion, 3.7 V, 5100 mAh; 7000 mAh Smart Battery available in June 2019
- **Hours of Operation:** 28 hours
- **Scanning Capabilities:** Honeywell N6703 Slim Imager Engine (1D/2D); Honeywell EX20 Near/Far Imager (1D/2D, 0.15 m to 15.2 m [6 in to 50 ft]); Honeywell Scanning SDKs for Android
- **Application Software:** Honeywell Utilities and Demos
- **Warranty:** One-year limited factory warranty

WIRELESS CONNECTIVITY

- **WLAN:** IEEE 802.11 a/b/g/n/ac; Wi-Fi certified 2x2 MIMO support
- **Additional WLAN Features:** 802.11 d/e/h/i/k/r/w
- **WLAN Security:** OPEN, WEP, WPA/WPA2 (Personal and Enterprise)
- **Supported EAP:** TLS, PEAP, TTLS, PWD, LEAP CCX Version 4 certified
- **Bluetooth:** V5.0 with BLE and Backward Compatibility
- **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

MECHANICAL

- **N6703SR Version Dimensions:** 22.7 cm x 8.3 cm x 4.2 cm (8.9 in x 3.3 in x 1.7 in)
- **N6703SR Version Weight:** 498 g (17.6oz) with battery pack
- **EX20 Version Dimensions:** 22.7 cm x 8.3 cm x 4.7 cm (8.9 in x 3.3 in x 1.9 in)
- **EX20 Version Weight:** 544 g (19.2 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 across temperature per MIL-STD 810G
- **Tumble:** 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 IP64 standard for moisture and particle intrusion