CK62

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Rugged Mobile Computer with 5G and Wi-Fi 6E Connectivity

The CK62 is a lightweight rugged mobile computer designed for warehouse and distribution center environments. The CK62 provides reliable data access and data entry with its carefully designed keypads. Equipped with 5G cellular and Wi-Fi 6E capabilities, the CK62 ensures high-speed connectivity, which promotes productivity across different workflows and applications.

The CK62 features a high-performance octa-core processor, 5G and Wi-Fi 6E connectivity and a lightweight, yet durable frame, backed up by Honeywell accessories, service and support expected by business users

The Honeywell CK62 is a 5G and Wi-Fi 6E enabled warehouse solution. Its rugged design is suitable for warehouse environments. Its' improved ergonomics design has both alpha-numeric and function-numeric keypads for versatile data input. It is featured with Qualcomm 4490 octa-core processor for best performance and product longevity. In the meantime, it supports 5G and Wi-Fi 6E for fast and reliable connectivity.

Mobility Edge – Powerful & Secure Platform

The CK62 leverages the Mobility Edge™ platform which offers durability, stability, security and long-term life cycle availability. It supports Android versions 14 through 18[1], thereby providing a secure and open operating system to integrate with a wide range of applications. When coupled with Honeywell's Operational Intelligence asset management software, it provides users with critical analytics that allows ease of device management, optimal productivity, all while reducing total cost of ownership (TCO).

Reliable Under Harsh Conditions

Designed to endure the challenges of warehouse operations, the CK62 boasts an IP65 rating for dust and water resistance. It can withstand drops from 1.8 meters and 3000 tumbles, ensuring durability under harsh usage conditions.

FEATURES AND BENEFITS

The Mobility Edge serves as a robust, stable and secure platform for optimal performance, ease of deployment and long-term life cycle support.

Powerful hardware platform. The CK62 features a powerful hardware platform based on the Qualcomm 4490 octa-core 2.4GHz processor. It offers memory options of 4 GB/64 GB or 8 GB/128 GB to handle different workloads.

CK62 is rugged, lightweight and designed to withstand heavy duty use. It includes a Corning® Gorilla® Glass 5 touchscreen and meets MIL-STD-810H standards with a capability to survive drops from 1.8 meters (6 feet) and 3000 tumbles. It is IP65 rated against dust and water.

Equipped with advanced 5G and Wi-Fi 6E connectivity, the CK62 enhances data throughput and supports superior voice and video communications, even in densely connected environments.

To support scan intensive and long-range operations requirements, the CK62 features Honeywell's innovative FlexRange™ XLR scan engine, enabling effortless barcode scanning from as close as 3 inches (8 centimeters) to as far as 80 feet (24 meters).

Honeywell

Lightweight and User-Friendly Design

The CK62 was designed with portability and user comfort in mind. Weighing just 440 grams and measuring 27mm at its thinnest point, it is easy to operate single-handedly, it fits into an average pocket, and can be comfortably carried throughout the day. The keyboard layout has been carefully designed to offer excellent tactile comfort and usability. With 47 keys for alpha-numeric input and 38 function keys for function-numeric input, it meets diverse application needs in warehouses and distribution centers. Its ergonomic design is designed to work efficiency and minimizes user fatigue, all while ensuring smooth operations even under fast-paced & demanding environments.

Powerful Hardware Configuration

The CK62 combines robust hardware features, including a 4-inch display protected by Corning® Gorilla® Glass 5 for durability, a 7000mAh battery that provides extended work and standby time, and memory options of 4GB/64GB or 8GB/128GB to suit various user requirements. Additionally, it features a 13-megapixel camera capable of clear and high-quality document scanning and image capturing.

Embedded with FlexRange™ XLR Scan Engine

Featuring the latest FlexRange™ XLR scan engine, the CK62 delivers powerful scanning performance tailored for industrial warehouse operations and demanding scanning tasks. FlexRange™ XLR supports a wide range of scanning applications with the capability of both high speed and long range.

Enterprise-Grade Software

The CK62 is equipped with Operational Intelligence management software which provides in-depth operational insights and enables workflow automation to proactively prevent and manage issues in real-time. This capability significantly reduces IT support costs and enhances operational efficiency.

Regarding communication challenges, Smart Talk Unified Communications offers enterprise-grade voice calling, text messaging, and media sharing functions into a single device. It streamlines communications across work teams, enhancing collaboration and productivity.

Comprehensive Accessories

The CK62 comes with a comprehensive range of accessories that enhance functionality and versatility for various operational scenarios. These accessories include:

- Scan Handle: Ergonomic & convenient for diverse scanning tasks.
- Home Base: Simplifies charging with space for one terminal and battery.
- Quad Bay Charging Base: Enables simultaneous charging of multiple devices.
- Quad Bay Battery Charger: Keeps a fleet of batteries ready for use
- 16 Bay Battery Charger: Keeps a fleet of batteries ready for use.
- Universal Dock Cup: Compatible with Honeywell's universal dock for power charging.
- Universal Dock: Designed exclusively for power charging.
- Standard Battery Pack: Provides reliable power for extended use.
- Hand Strap: Enhances device grip and handling.
- Screen Film: Protects the display from scratches and damages.

Whether for charging solutions, protective measures, or ergonomic enhancements, the CK62's accessory suite ensures that it can be customized to meet different tasks requirements effectively. These accessories make CK62 a powerful and versatile solution for diverse warehouse and distribution center needs.

CK62 Mobile Computer Technical Specifications

MECHANICAL

Dimensions:
206 mm L x 78 mm W x 27mm H (8.11 in x 3.07 in x 1.06 in)

Weight: 440g (0.97lbs)

Display Size: Corning® Gorilla® Glass 5, 4 inch

Resolution: 480 x 800

Backlight: LED

Touchscreen: Multi-touch capacitive (CTP), GFF

Keypad: Alpha Numeric (47 key), Function Numeric (38 key), plus two programmable side scanning keys

Universal Dock Platform: Compatible for power charging

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: 5% to 95% (non-condensing)

Drop: Multiple 1.8 m (6 ft) drop to concrete per MIL-STD-810H crossing temperature (-10°C to +50°C/ 14°F to +122°F)

Vibration: MIL-STD-810H, Method 514.6, Procedure I

Tumble: 3000 1.0m (3.3 ft) per IEC 60068-2-32 specification

Environmental Sealing: IP65

Electrostatic Discharge (ESD):
±8 kV direct; ±15 kV air

SYSTEM ARCHITECTURE

Processor: Qualcomm 4490 octa-core: 2.4 GHz

Memory: 4 GB RAM/64 GB Flash1; 8 GB RAM/128 GB Flash

Operating System: Android 14, and upgradeable to Android 18[1]

Storage Expansion: MicroSD (standard supports up to 2 TB)

Rear Camera: 13-megapixel color camera

PC Interface: USB 3.1 with Type-C interface

Interface Ports: 2 PIN bottom connection

Battery: Li-Ion, 7,000 mAh, 3.6 V, removable, hot swappable

Real-Time Clock (RTC): 5 min back up

Charging: Quick Charge 3.0 support, 3.5 hours to be fully charged

Battery Runtime: more than 28hours [2]

Scan Engine: Honeywell Flex RangeTM XLR, Honeywell S0703 Slim Imager (1D/2D barcode symbologies)

SIM Card: 1 eSIM and 1 nano SIM

Application Software: Honeywell Mobility Edge Utilities and Demos

LED

Battery Status Indicator: red/green/amber

Scan Indication: red/green

Sensors: 3-axes accelerometer, 3-axes gyroscope sensor, compass, hall

Localization & Language: Worldwide English

WIRELESS CONNECTIVITY

WLAN (Wi-Fi Alliance certified):
IEEE 802.11 a/b/g/n/ac/ax (2.4GHz, 5GHz, 6GHz[3])

Additional WLAN Features:
802.11 d/e/h/i/k/r/v/w/u, 2X2 MU-MIMO

WLAN Security: OPEN, WEP, WPA/WPA2 (Personal and Enterprise WPA2), WPA3 (OWE, SAE, Enterprise)

WLAN Supported EAP:
TLS, PEAP, TTLS, PWD, LEAP, CCX compliant

Bluetooth: Bluetooth 5.3/2.1 + EDR Class 1

WWAN Radio (CK62X10 Only)[4]:

GSM: 850,900, 1800, 1900MHz;

WCDMA: B1/B2/B4/B5/B6/B8/B19

TDD-LTE: B34/38/B39/B40/B41/B42/B43

FDD-LTE: B1/B2/B3/B4/B5/B7/ B8/B12/B13/B17/B19/B20/B25/B26/B28/B66

5G NR SA: n1/n2/n3/n5/ n7/n8/n20/n25/n26/n28/ n38/n40/ n41/n66/n77/n78

5G NR NSA: n40/n41/n77/n78

GPS (CK62X10 Only) Supported Protocols: Simultaneous receiver support for dual band (L1 + L5) GPS, AGPS, GLONASS, Galileo and BeiDou

ACCESSORIES

Apart from what it is in the box such as CK62 terminal, hand strap, battery and USB cable, the following accessories are part of our offering.

Scan Handle

Home Base: charges one terminal and one battery

Quad Bay Charging Base

Quad Bay Battery Charger

16 Bay Battery Charger

Universal Dock Cup: uses with Honeywell universal dock for power charging only

Universal Dock: for power charging only

Standard Battery Pack

Hand Strap

Screen Film

Power Adaptor

WARRANTY

One-year factory warranty

For more information about warranty, please visit: https://sps.honeywell.com/us/en/support/productivity/warranties

For a complete listing of all compliance approvals and certifications, please visit: www.honeywell.com/PSScompliance

For a complete listing of all supported barcode symbologies, please visit: www.honeywell.com/PSS-symbologies

Find the AER rugged devices, please visit: https://androidenterprisepartners.withgoogle.com/

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FlexRange is a trademark or registered trademark of Honeywell International Inc.

Android, Bluetooth, Google, Gorilla Glass, Qualcomm, Snapdragon are trademarks or registered trademarks of their respective owners.

1. 4GB: Android 16 planned but needs confirmation from Qualcomm & Google.
2. Battery life depends on usage and other factors.
3. Wi-Fi 6GHz will be disabled in India.
4. WWAN / cellular is not supported in North America and some countries. Only Wi-Fi SKUs are available.

For more information
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