CK62

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 2 form factors, standard version (works with removable scan handle) and integrated handle version, while providing 3 keypads (alpha-numeric, function-numeric, and large-numeric) 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 14, 16 and 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.

Quick and accurate data capture from 3 inches (8 centimeters) up to 100ft (30m) with Honeywell's innovative FlexRange™ ULR scan engine; supporting virtually every use case

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, 38 keys for function-numeric input and 29 keys for large-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™ ULR Scan Engine
Armed with the latest FlexRange™ ULR scan engine, the CK62 provides high-powered scanning performance for the industrial warehouse workers and those that demand the farthest scanning technology. The ultimate in flexibility, FlexRange™ ULR enables virtually every scanning use case in a single, device without compromising range or speed, enabling businesses to improve uptime.

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 x3.07 in x 1.06 in)
Weight:
Standard version: 440 g (0.97 lbs)
Integrated handle version: 569 g (1.25 lbs)
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), Large Numeric (29 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: per MIL-STD-810H crossing temperature (-10°C to +50°C (14°F to +122°F)),
- **Standard version:** multiple 1.8 m (6 ft) drop to concrete, with protective boot, 2.4 m (7.9 ft) drop to concrete
- **Integrated handle version:** multiple 1.8 m (6 ft) drop to concrete

Vibration: MIL-STD-810H, Method 514.6, Procedure I
Tumble: per IEC 60068-2-32 specification,
- **Standard version:** 3000 1.0 m (3.3 ft)
- **Integrated handle version:** 1000 1.0 m (3.3 ft)

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, 16, 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, 3.5hours to be fully charged
Battery Runtime: more than 28hours [2]
Scan Engine: Honeywell FlexRange™ ULR (green aimer), 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, 6GHz3)
Additional WLAN Features:
802.11 d/e/h/i/k/r/v/w/u, 2X2 MUMIMO
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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1. 4GB: Android 16 planned but needs
2. confirmation from Qualcomm & Google.
3. Battery life depends on usage and other factors.
4. Wi-Fi 6GHz will be available in India in Q1, 2027
5. WWAN / cellular is not supported in North America and some countries. Only Wi-Fi SKUs are available.





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