

Honeywell®

CW45 Rugged Wearable Computer Android, camera, BT, Wi-Fi 6, NFC, 6GB/64GB, IP67

Built on the Mobility Edge platform, the Honeywell CW45 Android portable computer is a robust, high-performance device that enhances retail productivity and improves workflow. It features a low center of gravity, compact size and a 4.7" multi-touch display with HD resolution and scratch-resistant Gorilla Glass 5. The powerful 3,400 mAh battery provides up to 6 hours of runtime. The CW45 is equipped with Wi-Fi 6 - which increases the data throughput and ensures better voice and video communication, even in highly networked areas.

Ultra-reliable performance, data connectivity, and communications for frontline mobile workers in warehouse/DC, retail, logistics, and manufacturing is always where it is needed, when it is needed. Designed from the ground up for comfort, ease of use, and reliability, the CW45 offers a low profile, large HD display, enterprise-level ruggedness, and comfortable, easy-to-wear accessories. The CW45 is designed for businesses that invest in sophisticated solutions and want a durable, stable, secure platform on which to implement them. Built on the newest generation of Honeywell's Mobility Edge™ platform, the CW45 delivers the lifecycle, security, and durability to optimize solution return on investment in the long term.



Ready to pair with key solution accessories:

- [8675i](#) via BT or cabled connection
- Voice or audio headsets (SRX, BT)
- Mobile printers
- Hard keypad



Technical Description

Functionality & Operation

Wireless communication	Bluetooth®, WiFi, NFC
WLAN Features	Wi-Fi6 certified: IEEE 802.11 a/b/g/n/ac/ax and 2*2 MU-MIMO, WLAN Security: OPEN, WEP,WPA/WPA2/WPA3(Personal and Enterprise)
WPAN Features	V5.1 Bluetooth and BLE, Bluetooth Profiles: HFP, PBAP, A2DP,AVRCP, OPP, SPP, GATT
Display type	4,7" color HD (1280 x 720) Corning®Gorilla® Glass , LED backlight
Touch-screen panel	capacitive multi-touch ,optically-bonded for durability and outdoor readability. Glove, stylus, and rain modes supported. Water droplet rejection with screen protector mode. Covered with GorillaGlass 5 for increased resistance to impacts and drops
Memory	6GB DDR4x RAM, 64 GB UFS Flash
Operation interface	touch display, F1, F2, and F3 keys along the bottom edge of the device. Default functions are Volume up, Volume down, and Enter
Audio	built-in microphone and speaker , PTT, VOIP
CPU Type	Qualcomm QCS4290/QCM4290 octa-core, 2.0GHz
Operating system	Android Each Android version guaranteed from Android 12 to at least 15

Optical

Camera	13-megapixel side-facing camera; 8-megapixel front-facing camera
Sensors	accelerometer, gyroscope, e-compass , Ambient light sensor, High Gravity sensor

Electrical

Main battery pack	3.6 V, 3400 mAh, Battery hot swap: 1 minute duration
Battery charging time	6hod

Mechanical

Dimensions	Width: 86mm, Height: 14mm Length: 133mm
Weight	292g

Environment

Operating temperature	-20 to 50°C
Storage temperature	-30 to 70°C
Operating humidity (non-condensing)	5 to 95%
Shock resistance	multiply drops from 1,8 m onto concrete surface, 1000 tumbles at 50 cm
Electrical static discharge	±8kV contact, ±15kV air
Ingress protection	IP67

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