

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

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|-----------------------|--|
| 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

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|-------------------------------------|--|
| 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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