Honeywell CS32

Honeywell CS32 Personal Shopper for modern self-shopping

✓ **Robust 6-inch Full HD touch display for easy operation and clear display**
Resilient Gorilla Glass 5 reliably protects the display from scratches and impacts, while the high brightness ensures good readability even in bright lighting conditions.

✓ **Ergonomic design with a 30-degree angled scanner**
The powerful N670X scanner captures barcodes quickly and reliably without customers having to reposition their hands during scanning.

✓ **NFC for contactless payment and loyalty cards**
Fast, intuitive and without any additional effort at checkout.

✓ **Long battery life and robustness for continuous use**
Drop-proof up to 1.2 metres, IP30 and a replaceable 6700 mAh battery with 20 hours of operating time ensure maximum device availability.

✓ **Powerful Android platform with future-proof upgrade options**
Qualcomm 4490, 8 GB RAM, 128 GB storage, Android 14 with upgrade option to Android 18 for long-term investment security.

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Features

Readable codes: 1D, 2D

Display: 6-inch Full HD touchscreen (1080 x 2160 px) with Gorilla Glass 5

Operating system: Android 14, upgradeable to Android 18

Processor: Qualcomm QCS4490 octa-core, 2.4 GHz

Memory: 8 GB RAM, 128 GB flash memory

Buttons: 1 scan button and on/off (hidden)

Connectivity: Wi-Fi 6E, Bluetooth 5.3, NFC, USB C (hidden)

Additional features: various sensors, 1 microphone, 1 speaker

Battery: 6,700 mAh, up to 20 hours runtime, with integrated diagnostic tools

Protection: IP30, drop resistance up to 1.2 m

Operating temperature: -20°C to +50°C

Dimensions (W x L x H): 78 x 275 x 13.9 mm

Weight: 360 g

Optional accessories

1- and 3-way charging stations

Replacement battery

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MECHANICAL

Dimensions: 275mm x 78mm x 13.9mm (10.8 in x 3.0 in x 0.55 in)

Weight: 12.8 oz (360g)

Display:
Corning® Gorilla® Glass 5,15.2 cm (6.0 in)

Resolution:
Full High-Definition (1080 x 2160)

Touch Screen: Multi-touch capacitive (CTP)

Backlight and brightness: LED; 450 nits

Hard keys:

  Terminal: Dedicated scan button and hidden power button

  Charge Base: Physical manual release button.

  Audio: 1 speaker, 1 microphone

ENVIRONMENTAL

Operating Temperature: -20° to 50°C (-4°F to 122°F)

Storage Temperature: -30° to 70°C (-22°F to 158°F)

Humidity: 5% to 95% (non-condensing)

Drop (Multiple): 1.2m Multiple drops to concrete as per MIL-STD- 810H at -10° to 50°C (14°F to 122°F)

Tumble: 1000, 0.5m (1.6 ft) tumbles per IEC 60068-2-32 specification

ESD: ± 15KV Air and ± 8KV Contact

Environmental Sealing: IP30

SYSTEM ARCHITECTURE

Processor: Qualcomm 4490 octa-core, up to 2.4 GHz

Operating System: Android 14, upgradable to Android 16 and Android 18, subject to technical feasibility confirmed by Qualcomm

Memory: 8 GB RAM/128 GB Flash

Sensors: Light sensor, Proximity sensor, Accelerometer, Gyroscope, Magnetometer

Interface: Hidden USB2.0 with Type-C, USB OTG supported

Interface Ports: 6 PIN back cover connection

Battery: Li-Ion, 3.635V, 6,700 mAh, smart battery with integrated diagnostics tools

Charging: Less than 4.5 hours to be fully charged

Hours of Operation: 20+ hours (standard battery, varies based on use case)

Decode Capabilities: Honeywell N670X (1D/2D barcode symbology)

EAS Tag Slot: Compatible with Anti-theft EAS tag

Application Software: Honeywell Mobility Edge Utilities and Demos

WIRELESS CONNECTIVITY

WLAN (Wi-Fi Alliance certified): IEEE 802.11 a/b/g/n/ac/ax (2.4GHz, 5GHz, 6GHz3, 2X2 MU-MIMO, DBS supported, IPv4, IPv6

Additional WLAN Features:
802.11 d/e/h/i/k/r/u/v/w/mc

WLAN Security: WEP (40 or 104 bit); Enhanced Open (OWE); WPA/ WPA2 Personal (TKIP, and AES); WPA3 Personal (SAE); WPA/WPA2 Enterprise (TKIP and AES); WPA3 Enterprise (AES) - EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, LEAP, EAP-PWD; WPA3 Enterprise 192-bit mode (GCMP256) - EAP-TLS;

WLAN Supported EAP:

TLS, PEAP, TTLS, PWD, LEAP, CCX compliant

Fast Roam: PMKID caching; Cisco CCKM; 802.11r; OKC

Bluetooth: V5.3 Bluetooth with BLE

NFC: Integrated front NFC reader, compliant with ISO/IEC 14443A, ISO/IEC 14443 B, ISO/IEC 15693, MIFARE 1K/4K, MIFARE

DESFire, Sony FeliCa, ISO/IEC 18092, Contactless payment support

Security: ISASecure® SDLA 3.0.0 (IA certification) and ISO/IEC 27001:2022 (Honeywell Certification)

ENVIRONMENTAL COMPLIANCE

ROHS DIRECTIVE 2011/65/EU; REACH 1907/2006

ACCESSORIES

Single-bay Charge Base

3-bay Charge Base

3-in-1 Screw Driver

Power Adaptors

Cascade Cable

Battery Pack

WARRANTY

One-year factory warranty