MEFERI

Patent Protected



CIAO

Intelligent Shopper Assistant (ISA)

Elevating the Modern Retail Journey with AI Innovations

android enterprise recommended | GMS Google Mobile Services | MDM / EMM | SOTI | Shadowalk

Elevating the Modern Retail Journey with AI Innovations

Experience lightning-speed with Premium Qualcomm CPU & Samsung's vast 8GB LPDDR4 + 128GB UFS memory. Enjoy using apps on 5" expansive screen. With Wi-Fi 6/6E, expect seamless roaming & undisturbed connections in the store.

AI-Powered Fraud Protection

Boost security with our advanced AI Solution. With smart trolley cameras and fraud detection, every product is recognized & accounted for. Reduce overheads & shield profits from potential losses effortlessly.

Universal Retail Software Compatibility

Integrate effortlessly with any self-scanning software: Vynamic Personal Shopper, Revision/Extend, Budget Box, or 4MAX. No need for system overhauls; CIAO ensures smooth transitions.

Secure Workflows & Warranty

Ensure enterprise-grade security with AER GMS & GDPR Compliance. Our device prioritizes data protection. Our warranty promises excellence, offering peace of mind.

Android 13	Qualcomm CPU	6800mAh	AI Software	Wi-Fi 6/6E	5.0" (720 x 1280)

Main Features

Operating System
Android 13 (GMS & AER)
Upgradeable to Android 18

Processor
Qualcomm QCS4490
Octa-core 2.4GHz;
High-speed multitasking and AI optimization.

Display
5.0 in HD (720 × 1280) IPS; multi-mode capacitive touch panel with quick response; Protected by 1.1 mm Corning Gorilla Glass III; Brightness: 450 NIT.

Memory
Standard:
RAM 8GB / ROM 128GB;
Optional:
RAM 4GB / ROM 64GB

Barcode Scanner
Honeywell HS7 or MEFERI SE5070 (optional); Operates in presentation mode (in holder), automatically wakes up to decode a barcode when it's in the scanner's field of view.
Scan Confirmation: sound, LED, vibration.

NFC
13.56MHz; ISO 14443 Type A and B, FeliCa, ISO 15693; Supports Card Emulation via Host, Reader, and P2P modes.
Enables secure screen-tap payments in holder.

Camera
Front Camera: 5MP;
Rear Camera: 13MP;
supports 1080p video recording, Torch mode, and Flash mode.

Wireless LAN (WLAN)
Wi-Fi 6/6E (2.4GHz, 5GHz, 6GHz) with MIMO 2×2, IEEE 802.11a/b/g/n/ac Wave 1 & 2 /ax (160MHz support). Seamless Roaming ensures uninterrupted transitions between access points (leveraging 802.11r fast roaming, OKC, PMKID caching). Supports IPv4/IPv6 and WPA3 security.

Wireless PAN (WPAN)
BT 5.2 BR/EDR + BLE; HFP, PBAP, A2DP, AVRCP, OPP, SPP, GATT;
High speed, low energy consumption.

Navigation Features
BT BLE & Wi-Fi 6/6E: Powers precise positioning and seamless connectivity. Navigation: Provides in-store item location assistance. Built-in RFID Tag (optional): Prevents device theft and helps locate lost units.

Voice & Audio
Silicon Mic, 2W Speaker

Sensor
Proximity sensors enable instant scanning in presentation mode within 30 cm / 1 foot.
Additional sensors:
Light, Magnetometer, Gyroscope, and Barometer.

Buttons
3 on-screen buttons
(Menu/Back/Home button),
Scan button.

Connections & Interfaces
USB-C 2.0; Bottom 4-pin ElectroQuick Couplers interface for charging; durable and resistant to cleaning and alcohol-based solutions.

Power
Battery Specification:
Capacity: 6800mAh (Recharges CIAO AI Connect on-cart); Energy: 25.16Wh; Voltage: 3.7V (limited charge voltage: 4.2V);
Connection: Replaceable battery with secure connector (safe self-replacement without service center assistance).

Seal & Ruggedness
IP54 (dust and splash-resistant); 4 ft / 1.2 m multiple drops to concrete over operating temp; withstands 300 hits (repeated tumbles from 1.6 ft / 0.5 m).

User Environment
Operating Temp
-20°C to 60°C, -4°F to 140°F
Humidity
10% to 85% non-condensing

Dimensions (L×W×H)
251.5×87.2×88.9 mm
10×3.43×3.5 in

Weight
402.5 g / 14.19 oz (with battery)

Standard Accessories
Protective Boot; Battery 6800mAh for CIAO.

Optional Accessories
CIAO Standard Holder; CIAO AI Connect (Smart Holder); USB Cable for CIAO AI Connect; Battery 3.85V, 5180mAh for CIAO AI Connect; 3-Slot Charging Cradle; Power Adapter for 3-Slot Charging Cradle with Charging Wall Connectors; Screen Protector (Glass).

Learn More About CIAO ISA
Explore CIAO, the Intelligent Shopper Assistant revolutionizing retail with AI-driven efficiency, seamless connectivity, and enhanced security for modern shopping experiences. Perfectly tailored to meet the demands of modern retail environments.

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*All specifications and designs are subject to change without further notice.