MEFERI

CIAO

Intelligent Shopper Assistant (ISA)

Elevating the Modern Retail Journey
with AI Innovations

Patent Pending

Main Features

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

Processor
Qualcomm QCM4490
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 6GB / ROM 128GB;
Optional:
RAM 4GB / ROM 64GB

Barcode Scanner
Honeywell HS7 or MEFERI 5070 (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
5% to 95% non-condensing

Dimensions (L×W×H)
248.4 x 80.1 x 87.4 mm
9.78 x 3.15 x 3.44 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.

Elevating the Modern Retail Journey with AI Innovations

Experience lightning-speed with Premium Qualcomm CPU &
Samsung's vast 6GB 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.

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android enterprise recommended | GMS Google Mobile Services | SOTI | Wi-Fi

Android 13 | Qualcomm CPU | 6800mAh | AI Software | Wi-Fi6/6E | 5.0" (720 x 1280)

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