MEFERI




# MC45

## All-In-One Price Checker

Versatile Solution for Modern Retail Needs – Elevating Customer Experience and Streamlining Staff Efficiency

GMS Google Mobile Services | MDM / EMM | SOTI | Shadowalk

## High-Resolution Display for Better Customer Interaction

The MC45 boasts a 10.1-inch IPS multi-touch display with 1280 x 800 resolution. Designed for retail, its durable Asahi Glass with anti-fingerprint coating ensures clarity and responsiveness, providing vibrant visuals that enhance both customer and employee experiences.

## Efficient Operations with Advanced Data Capture

The MC45's built-in Zebra SE4770 scanner with PRZM Technology ensures fast, accurate 1D and 2D barcode scanning, even for damaged codes. Optional MEFERI SE4070 scanner enhance versatility for price checks, product details, staff identification, advertising displays, and more.

## Seamless Connectivity to Fit Your Retail Workflow

With USB-C, USB-A OTG, Ethernet, and Power-over-Ethernet (PoE) options, the MC45 integrates effortlessly with existing systems. Its built-in NFC module is ideal for quick interactions with cards or gadgets. Wi-Fi 5 and Bluetooth 5.2 ensure fast, stable data transfer, perfect for high-demand environments.

## Robust Performance in Any Environment

Powered by the ARM Cortex-A55 Quad-Core RK3568 CPU and Android 14 (upgradeable to Android 15), the MC45 delivers superior multitasking and efficiency. IP54-rated protection ensures durability, making it the perfect solution for even the busiest retail spaces.

| Android 14 | RK3568 | SE4770/SE4070 | IP54 | Wi-Fi 5 | 10.1" (1280 x 800) |
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# Main Features

## Operating System
Android 14 (GMS)
(Upgradeable to Android 18)

## Processor
Rockchip RK3568,
ARM Cortex-A55
Quad-Core 2.0GHz
Efficient, reliable, and built for multitasking.

## Display
10.1 in HD (1280 x 800) IPS; AF-Coated Screen: Multi-Touch, Quick-Response Capacitive Touch Panel that resists fingerprints and enhances durability;
Active Screen Area: 217 x 136 mm;
Aspect Ratio: 16:10; Brightness: 350 NIT.

## Memory
Standard: RAM 4GB / ROM 32GB

## Extend Memory
Supports Micro SD cards up to 512GB (Class 2 to Class 10, UHS-I).

## Barcode Scanner
30° angle scanning, Standard: Zebra SE4770
Optional: MEFERI SE4070. Ultra-fast scanning of 1D/2D barcodes with intelligent image capture and optimized processing for printed, electronic codes, damaged, dirty, and poorly readable codes.

## NFC
13.56MHz; ISO 14443 Type A and B, FeliCa, ISO 15693; Supports Card Emulation via Host, Reader, and P2P modes.

## Camera
5MP, 1080p 60 fps with Fixed Focus.

## Wireless LAN (WLAN)
Wi-Fi 5 (IEEE 802.11a/b/g/n/ac Wave 1 & 2) with MIMO 2×2, 2T2R antennas (powered by AP6398S module). 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.

## Voice & Audio
Dual 2W speakers and noise-reducing microphones ensure clear communication.
Supports multi-language speech playback.

## Sensors
Proximity sensor (35 cm range) for auto scanner activation. Includes gyroscope and PCB-supported E-compass (default N/A).

## Buttons
Recessed reset button with pinhole design for secure, intentional activation.

## Connections & Interfaces
USB-C (data only), USB-A (USB 2.0 & 3.0, simultaneous use supported).
Gigabit Ethernet (RJ45, PoE: 802.3af/at).
3.5 mm audio jack supports MIC, OMTP & CTIA.

## Power
Supports PoE (802.3af: 13W, 802.3at: 25.5W) and 12V/2A input, ensuring flexible and efficient power management.

## Seal & Ruggedness
IP54 (dust and splash-resistant); 2.62 ft / 0.8 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)
261.96 x 217.49 x 38.7 mm
10.31 x 8.56 x 1.52 in

## Weight
915 g / 32.28 oz

## Standard Accessories
Power Adapter 12V 2A, with country specific (plug: EU, CN, US, GB).

## Optional Accessories
Additional accessories can be connected via USB and Bluetooth interfaces.

## Learn More About MC45
Discover the MC45 All-In-One Price Checker, enhancing customer interactions, streamlining staff workflows, and delivering seamless connectivity and accurate data capture for modern retail environments. Optimize efficiency for a better retail experience.

MEFERI

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