

M1-215IC

21.5" Android All-in-One Touch Computer



Description

The Mach M1-215IC 21.5" Android All-in-One is a high-performance computer with integrated touch screen combining flexible design and commercial grade robustness for use in any retail or hospitality environment. This purpose-built compute platform features MediaTek's powerful Genio 700 (MT8390) processor. The Mach AIO is equipped with a bright 21.5", full HD, LED panel, optically bonded to the 10-point projective capacitive touch sensor with etched anti-glare surface. This technology increases clarity and viewing angle, while simultaneously reducing distracting reflections and fingerprints. Mach also features Smart peripherals interface ports for 2D bar code scanner, LED status bar, 8MP camera, MSR, fingerprint reader and external payment devices. Plus, we now offer an NFC reader integrated behind the glass to enable "Tap to Pay" with no external devices required. Our EMV 1 certified reader easily integrates with all SoftPOS providers using Android's Native Command Interface.

In addition to the NFC option, customers can select Power over Ethernet (POE ++) and 4G LTE Cellular options. The result is a full featured, flexible platform with the superior performance you need and the versatility for any application.



Stand sold separately.

Key Features

- Size: 21.5" TFT LCD
- Brightness: 350 nits
- Processor: MediaTek Genio 700 (MT8390)
- OS: Android 13 GMS, Upgradable Android 15 GMS
- Optional NFC Tap to Pay (integrated behind the glass)
- 2.5 MP camera on front
- Power: 12v DC or optional POE (60W/90W)
- Connectivity: Wi-Fi, Bluetooth, Optional 4G LTE
- 7 USB Ports
- Smart peripheral ports on 4 sides
- Optional Stand with Port expansion HUB
- POS application agnostic
- Warranty: 3 year

Models Available

- MI-215IC-AB2 Without Stand
- MI-215IC-AA3/AB3 POE
- MI-215IC-AA4/AB4 Cellular
- MI-215IC-AB5 NFC
- Double-Hinged Stand Sold Separately

Specifications

System Configuration

Processor	MediaTek Genio 700 (MT8390)
GPU	Mali-G57 MC3
APU	1 x MDLA3.0 + 1 x VP6
System Memory	8GB
Storage Device	64GB eMMC
Wi-Fi & Bluetooth	802.11 a/b/g/n/ac/ax, Bluetooth 5.2 (Support BLE)

Touch LCD Display

Touch Screen	Projected Capacitive, 10 points
Brightness	350 nits (No Touch), 315 nits (PCAP)
Surface Treatment	Etched Anti-Glare, Optical Bonding
Contrast Ratio	1000:1
Aspect Ratio	16:9
View Angle	H: 178°, V: 178°
Hardness	7H Hardness durable glass

I/O Ports

USB Port	1 x USB-C (PD in 12V@5A+USB 2.0) 1 x USB-C (PD out 12V@3A+USB 2.0) 4 x USB-C (Peripheral Connection) 1 x USB 3.0 Type A
LAN Port	1 x RJ45 Gigabit LAN
POE	Optional (60W/90W)
Video Port	1 x HDMI (up to 1920 x 1080 @60Hz)
Audio Port	1 x Audio-Output / Mic Input (3.5 mm Mini-Jack)
Power Input	12V DC

Operating System

OS	Android 13 GMS, Upgradable Android 15 GMS
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Specifications (cont.)

Physical Properties

Speaker	2 x 2W Stereo
Camera	2.5 MP Front Facing
Housing Color	Black
Construction	Plastic, Glass, SECC Metal
Compliance	Front Panel IP65 Compliant
Dimensions (W x H x D) mm	515.44 x 306.91 x 41 mm (without stand)
Net Weight (kg)	3.87 kg (without stand)
Gross Weight (kg)	6.12 kg (carton, without stand)
Carton (W x H x D) mm	582 x 372 x 145 mm (without stand)
VESA	100 x 100 mm
Ball Drop / IK	IK07

Safety

Certifications	CE, FCC, UL/cUL, NOM, RoHS, UKCA, RCM, PSE
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Environment

Operating Temperature	0°C ~ 40°C, 20% ~ 80% RH. Non-Condensing
Storage Temperature	-20°C ~ 60°C, 20% ~ 90% RH. Non-Condensing

Optional Cellular

Network Connectivity	4G LTE, UMTS, GMS
Carrier	Unlocked, SIM Card Not Provided
Carrier Certifications	Verizon, AT&T, Sprint, US Cellular, T-Mobile, Rogers, Telus, Deutsche Telekom

Optional NFC

Integrated NFC reader and antenna behind LCD glass. EMV 1 certified

Optional Peripheral

MSR	MA-MSR-A1
Camera	MA-CAM-A1
Light Bar	MA-LBAR-A1
Bar Code Scanner	MA-SCAN-A1



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