M1-215IC-AA2

21.5" Android All-in-One Touch Computer

NEW

Description

The Mach M1-215IC-AA2 21.5" Android All-in-One touch computer is a high-performance, versatile, touch computer that combines commercial-grade robustness with a consumer-grade design. This built for purpose computing platform features MediaTek's latest powerful processor, the Genio 700 (MT8390). The Mach AIO is equipped with a bright 21.5", full HD, 8-bit, LED panel. It features a projected capacitive, 10-point touch sensor and advanced optical bonding with an etched anti-glare surface. This technology increases clarity and viewing angle, while simultaneously reducing distracting reflections and fingerprints. Smart peripherals include: 2D bar code scanner, multi-color LED status bar, 8MP camera, 3-track MSR, and a port expansion hub. The result is the modern, stylish look you want, the superior performance you need and the versatility for any application.

Featured Specifications

- Size: 21.5" TFT LCD
- Processor: MediaTek Genio 700 (MT8390)
- Maximum Resolution: 1920 x 1080
- Contrast Ratio: 1000:1
- Aspect Ratio: 16:9
- Brightness: 350 nits (No Touch), 315 nits (PCAP)
- View Angle: H: 178°, V: 178°
- Video Port: 1 x HDMI
- USB Ports:
  1 x USB-A 3.0,
  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)
- Warranty: 3 year

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
Video Port	1 x HDMI (up to 1920 x 1080 @60Hz)
Audio Port	1 x Audio-Output (3.5 mm Mini-Jack)
Power Input	12V DC in

Operating System

OS	Android 13 GMS

Physical Properties

Speaker	2 x 2W Stereo
Camera	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 366.08 x 111.66 mm (monitor with stand)
Net Weight (kg)	6.92 kg
Gross Weight (kg)	9.1 kg
Carton (W x H x D) mm	493 x 638 x 242 mm
VESA	100 x 100 mm
Ball Drop / IK	IK07

Specifications (cont.)

Safety

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

Environment

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

Optional Peripheral

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

MicroTouch™