

M1-215IC

21.5" Android All-in-One Touch Computer




Stand sold separately.

Description

The Mach M1-215IC 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. POE and Cellular 4G LTE options are available. 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)
- OS: Android 13 GMS, Upgradable Android 15 GMS
- Maximum Resolution: 1920 x 1080
- Contrast Ratio: 1000:1
- Aspect Ratio: 16:9
- Brightness: 350 nits (No Touch), 315 nits (PCAP)
- Power: 12v DC, POE (60W/90W), USB-C PD
- Connectivity: Wi-Fi, Bluetooth, Optional 4G LTE
- 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

Models Available

- MI-215IC-AA2 Without Stand
- MI-215IC-AA3 POE
- MI-215IC-AA4 Cellular
- 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 |
|----|---|

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 |
|----------------|--|

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 Peripheral

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



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