

# M1-156IC-AA2

## 15.6" Android All-in-One Touch Computer

**MACH**  
FEEL THE SPEED OF TOUCH

Stand sold separately.

### Description

The Mach M1-156IC-AA2 15.6" 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 15.6", 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: 15.6" TFT LCD
- Processor: MediaTek Genio 700 (MT8390)
- Maximum Resolution: 1920 x 1080
- Contrast Ratio: 1000:1
- Aspect Ratio: 16:9
- Brightness: 450 nits (No Touch), 400 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

# 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        | 450 nits (No Touch), 400 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)<br>1 x USB-C (PD out 12V@3A+USB 2.0)<br>4 x USB-C (Peripheral Connection)<br>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 | 378.03 x 227.34 x 32 mm (monitor with stand) |
| Net Weight (kg)           | 4.91 kg                                      |
| Gross Weight (kg)         | 6.25 kg                                      |
| Carton (W x H x D) mm     | 343 x 499 x 171 mm                           |
| VESA                      | 100 x 100 mm                                 |
| Ball Drop / IK            | IK07   |

# Specifications (cont.)

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## 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 |

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## 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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[www.MicroTouch.com](http://www.MicroTouch.com) | [us.orders@microtouch.com](mailto:us.orders@microtouch.com)  
TES America, LLC | 215 Central Avenue, Holland, MI 49423 | (616) 786-5353

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