

# FMA-MT

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



### Description

The FMA-MT 27" 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 AIO is equipped with a bright 27" full HD, 8-bit, LED panel. It features a projected capacitive, 10-point touch sensor and advanced optical bonding with an etched antiglare surface. This technology increases clarity and viewing angle, while simultaneously reducing distracting reflections and fingerprints. Smart peripherals include: 2D bar code scanner, multicolor LED status bar, 8MP camera, 3-track MSR, RFID Reader 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: 27" TFT LCD
- Processor: MediaTek Genio 700 (MT8390)
- OS: Android 13GMS
- Maximum Resolution: 1920 x 1080
- Contrast Ratio: 1000:1
- Aspect Ratio: 16:9
- Brightness: 500 nits (No Touch), 450 nits (PCAP)
- Power: 12v DC, (60W/90W), USB-C PD
- Connectivity: Wi-Fi, Bluetooth
- 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

## Models Available

- M1-270IC-AA2 Without Stand

## System Configuration

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

## Touch LCD Display

Touch Screen	<b>Projected Capacitive, 10 points</b>
Brightness	<b>500 nits (No Touch), 450 nits (PCAP)</b>
Surface Treatment	<b>Etched-Anti Glare, Optical Bonding</b>
Contrast Ratio	<b>1000:1</b>
Aspect Ratio	<b>16:9</b>
View Angle	<b>H: 178°, V: 178°</b>
Hardness	<b>7H Hardness durable glass</b>

## I/O Ports

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

## Operating System

OS	<b>Android 13 GMS</b>
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# Specifications (cont.)

## Physical Properties

Speaker	<b>2 x 2W Stereo</b>
Camera	<b>2.5 MP Front Facing</b>
Housing Color	<b>Black</b>
Construction	<b>Plastic, Glass, SECC Metal</b>
Compliance	<b>Front Panel IP65 Compliant</b>
Dimensions (W x H x D) mm	<b>640.7 x 384.7 x 37 mm (without stand)</b>
Net Weight (kg)	<b>8.4 Kg (without stand)</b>
Gross Weight (kg)	<b>10.2 Kg (carton, without stand)</b>
Carton (W x H x D) mm	<b>762 x 517 x 174 mm (without stand)</b>
VESA	<b>100 x 100 mm</b>
Ball Drop / IK	<b>IK07</b>

## Safety

Certifications	<b>CE, FCC, UL/cUL, NOM, RoHS, UKCA, RCM, PSE</b>
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## Environment

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

## Optional Cellular

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

## Optional Peripheral

MSR	<b>MA-MSR-A1</b>
Camera	<b>MA-CAM-A1</b>
Light Bar	<b>MA-LBAR-A1</b>
Bar Code Scanner	<b>MA-SCAN-A1</b>
RFID Reader	<b>MA-READER-A1</b>