

# M1-270IC

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

**MACH**

### Description

The Mach M1-270IC 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 Mach 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 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, 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 13 GMS, Upgradable Android 15 GMS
- 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

# Models Available

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- MI-270IC-AA2 Without Stand

## Specifications

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### 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	500 nits (No Touch), 450 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
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	640.7 x 384.7 x 37 mm (without stand)
Net Weight (kg)	8.4 kg (without stand)
Gross Weight (kg)	10.2 kg (carton, without stand)
Carton (W x H x D) mm	762 x 517 x 174 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 Peripheral

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



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