

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 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

Models Available

- MI-270IC-AA2 Without Stand

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	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
----	----------------

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
----------------	--

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



www.MicroTouch.com | us.orders@microtouch.com

MicroTouch Interactive, Inc.
200 East Broadway Avenue, Maryville, TN 37804 | (616) 786-5353

The information presented in this specification sheet is intended as general information about MicroTouch products and is subject to change. Product specifications and warranties will be governed by MicroTouch Interactive, Inc. standard terms and conditions of sale. Products are subject to availability. Copyright © 2025 MicroTouch Interactive, Inc. All rights reserved. MT24-1209 - 032425