

# M1-215KD-AA3

## 21.5" Android Stainless Steel Touch Computer



### Description

The Mach M1-215KD-AA3 21.5" Android Stainless Steel touch computer is a high-performance, versatile, touch computer that combines commercial-grade robustness with a stainless-steel enclosure. This built for purpose computing platform features MediaTek's latest powerful processor, the Genio 700 (MT8390). The Mach M1-215KD-AA3 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. The result is the hardened enclosure you want, the superior performance you need and the versatility for kitchen systems and industrial applications.

### Featured Specifications

- Size: 21.5" TFT LCD
- IP65 Rated Stainless Steel Enclosure
- Processor: MediaTek Genio 700 (MT8390)
- OS: Android 13GMS
- Maximum Resolution: 1920 x 1080
- Contrast Ratio: 1000:1
- Aspect Ratio: 16:9
- Brightness: 350 nits
- Power: 12v DC, POE (60W/90W), USB-C PD
- Connectivity: Wi-Fi, Bluetooth
- USB Ports: 2 x USB-C (USB 3.0, PD 5V/12V@3A, DP-Alt mode) 1 x USB-A (USB 3.0)
- 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	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	2 x USB-C (USB 3.0, PD 5V/12V@3A, DP-Alt mode) 1 x USB-A (USB 3.0)
LAN Port	1 x RJ45 Gigabit LAN
POE	60W/90W
Audio Port	1 x Audio-Output / Mic Input (3.5 mm Mini-Jack)
Power Input	12V DC

## Operating System

OS	Android 13 GMS
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## Physical Properties

Speaker	2 x 2W Stereo
Camera	5 MP Front Facing
Housing	Stainless Steel
Construction	Plastic, Glass, SECC Metal
Compliance	Front Panel IP65 Compliant
VESA	100 x 100 mm
Ball Drop / IK	IK07

# Specifications (cont.)

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## Safety

Certifications	CC, CE, UL, RoHS
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## Environment

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