M2-156P

15.6" Android POS System

Description

The **Mach POS is a totally new design** from MicroTouch featuring super thin and stylish 15.6" Touch screen mounted to a purpose-built base with integrated I/O ports. The design features an optional matching customer display that can attach to the base or sit on counter, creating a sleek and flexible POS countertop system.

And... **Mach POS adds payment**...both the main display and customer display can be configured with an NFC reader that is embedded BEHIND the LCD to allow for tap to pay on the screen. This NFC capability is enabled by a simple integration with any of the SoftPOS payment solutions in the marketplace.

In addition to stylish design and great features, this solution provides commercial-grade robustness plus incredible performance from MediaTek's latest processor, the Genio 520. Like other Mach products, Mach POS is equipped with bright LED panels optically bonded to a 10-point touch sensor with etched anti-glare surface. This technology increases clarity, plus avoids distracting reflections and fingerprints.

The end result is a POS solution that looks great, performs great and can thrive in all store environments.

Key Features

- Sleekest design on the market
- Tap to Pay NFC (front and rear screens)
- Latest MediaTek processor 10 TOPS
- Latest Android OS
- POS Application agnostic

Featured Models

M2-156PN-A15-A1	15.6" PCAP w/NFC + Stand w/HUB
M2-156P-D-A15-A1	15.6" PCAP + Stand w/HUB + 7" Customer Facing Display
M2-156P-DN-A15-A1	15.6" PCAP + Stand w/HUB + 7" Customer Facing Display (w/NFC)

Other configurations available as build to order.

Specifications

System Configuration	
Processor	MediaTek Genio 520 (10 TOPs for AI Applications)
System Memory	8GB LPDDR5
Storage Device	64GB eMMC5.1
Wi-Fi	WIFI6e
Bluetooth	BT5.2
Audio	2 Watt Speaker
Sensors	Gyro for Auto Screen Rotation
Camera	5MP Camera Front/Top

Touch Display - Primary	
LCD	15.6" TFT LCD
Resolution	1920 x 1080 Resolution
Brightness	450 nits
Contrast Ratio	700:1
Viewing Angle	H 178 x V 178
Touch Screen	10 Pt. PCAP Touch (Optically Bonded)
Surface Treatment	Etched Anti-Glare (AG)
Hardness	7H Hardness Durable Glass

Operating System	
OS	Android 15 GMS

I/O Ports (in the base)	
Power Input	1 x 24V DC in Power Input
Cash Drawer	1 x 12V or 24V (Switchable)
Powered USB	1 x 12V Latching USB 1 x 24V Latching USB
Standard USB	1 x 5V USB Type A
LAN	Ethernet RJ45 with LEDS for Signal
USB C	1 x USB C for External Peripheral Device, Audio(Alt Mode) or 2nd HUB 1 x USB C for Head – Latching/Secured 1 x USB C for Integrated Customer Display (with Touch and NFC)

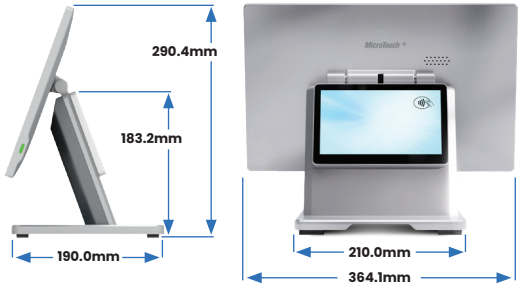
Specifications (cont.)

Optional NFC

	Integrated NFC reader and antenna behind LCD glass. EMV 1 certified.

Physical Properties

Housing	Casting and Steel Chassis
Compliance	Front Panel IP65
Dimensions (W x H x D) mm	364.1 x 290.4 x 190 mm
Net Weight (kg)	3.79 kg
Gross Weight (kg)	6.46 kg
Carton (W x H x D) mm	445 x 380 x 285 mm
Ball Drop / IK	IK07



Customer Display (CFD)

LCD	7" TFT LCD
Resolution	1024x600
Brightness	500 nits
Contrast	800:1
Touch Screen	10 Pt. PCAP Touch (Optically Bonded)
Surface Treatment	Etched Antiglare (AG)
Hardness	7H Hardness Durable Glass

Safety

Certifications	CC, CE, NOM, UL, RoHS, FCC, EMV1

Environment

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

MTBF

50,000 Hours Demonstrated

Warranty

3 Years

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