

Android POS

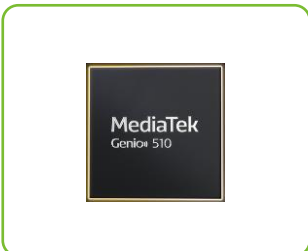
OA1216A, 15.6" POS

MEDIATEK

elegance
RELIABILITY
SIMPLICITY
performance
Advanced



KEY FEATURES



MediaTek G510 Hexa-Core
High-performance CPU with AI capability ensures smooth and responsive operation.



15.6" Full HD Touch
1920x1080 IPS screen with 10-point capacitive touch for clear, intuitive interaction.



Long-Term Support
OS upgradeable up to Android 16, with 10-year hardware lifecycle.



Ultra-Slim Design
Sleek 11.9 mm profile fits modern retail and hospitality spaces.



Wi-Fi 5 & Bluetooth 5.1
Stable wireless connectivity for peripherals and cloud integration.



Android 14 with GMS Ready
Ships with Android 14 and planned GMS certification for app compatibility.

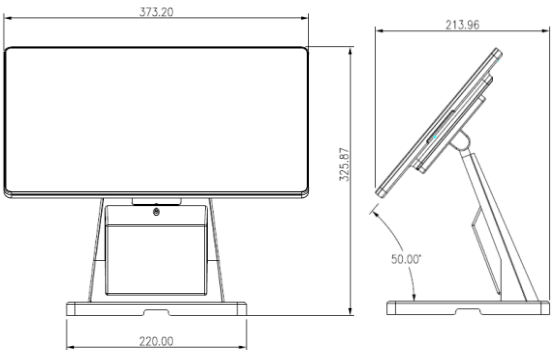


Built-In NFC (NXP PN7200)
Integrated contactless payment capability for faster transactions.



Modular Expansion
Supports optional 2nd display, MSR, barcode scanner, NFC, and thermal printer.

Dimension



I/O Interface



- 1

USB Type C
- 2

USB 2.0
- 3

RJ-45
- 4

USB 3.0
- 5

USB Type C (Power)

Specification

Model		Android POS, OA1216A	
Processor		MediaTek® G510	
CPU		2x CA78(2.0G)+4x CA55(2.0G)	
GPU		Mali-G57 MC2.2	
APU		1x MLDA3.0 + 1x VP6, 3.2TOPS	
Memory		LPDDR4X 4GB	
Storage	eMMC	eMMC 5.1 / 64GB	
LCD	Size	15.6” IPS TFT LCD W/TP	
	Brightness	300 cd/m²(Typ.)	
	Resolution	1920 x 1080 pixel	
Touch Screen		True-Flat Projected Capacitive Touch	
Tilt Angle		0 ~ 120 degree	
External I/O Port	Rear	Gigabit Ethernet, RJ45	
		1 x USB2.0/3.1, Type C, support DP output	
		1 x USB3.1, Type A	
		1 x USB 2.0, Type-C	
		1 x USB2.0 OTG x1, Type-C (Power Input)	
Wireless		1 x Power Switch	
		WLAN	2.4GHz/5GHz (Dual Bands)
		Wi-Fi	WiFi 5 / 802.11 a/b/g/n/ac
		Bluetooth	BT 5.1
	NFC	NXP PN7220 - Support ISO/IEC 14443 A/B 、MIFARE 、FeliCa™ 、NFC Forum T2/T3/T4/T5 、ISO/IEC 15693; I²C interface	
Microphone		DMIC x 1	
Speaker		2 x 2W speaker	
Power		20VDC, USB-C adapter	
EMC Compliance		CE, FCC	
Environment	Operating Temperature	-10°C ~ 50°C	
	Storage Temperature	-20°C ~ 70°C	
	Operating Humidity	5% - 90% RH non condensing	
Security & Reliability		Verified Boot + TEE + TrustZone	
OS Support		Android 14	
Peripherals	MSR (USB)	MSR	
	2nd Display	10.1” (1280 x 800)	
	Camera	Default: NA, (8MP as optional)	
	Stand	Type I (Default)	
System Dimension (W x H x D)		373.2 x 325.87 x 213.96 mm	
Weight (N.W./G.W.)		1.2 kgs(N.W.) / 3 kgs(G.W.)	
Packing Information	Carton Dimension (W x L x H)	For the system with Stand 430 X 180 X 286 mm	
	# Carton per Pallet (105 x 100 cm)	Estimated 50 cartons by air, 60 cartons by sea (500 - 600 units in a 20-foot container)	