

MAA Series

MAA0805**8" Automation Rugged Android Mobile Tablet PC**

- 8" Android 14 Rugged Mobile Tablet PC System
- Qualcomm® Kryo™ 670 CPU with the 6th gen Qualcomm® AI Engine
- Advanced Wirelss solution for 4G/ WiFi 6E/ BT 5.2
- Removable Battery Design with high-capacity 10000mAh
- 1.22m drop resistant & MIL-STD-810H certified
- Certified with IP65 dust and water resistance



Military Equipment/
Outdoor Exploration



Animal
Husbandry



Storage Material
Management



Warehouse
Management



Retail/ Market/
finance

Specification

MAA0805

Display

Display Type	8 inch IPS TFT LCD
Resolution	1920 x 1200
Aspect Ratio	16:10
Brightness	550 nits
Touch Panel	5-point Capacitive Touchscreen, Tempered Glass, Hardness: 7H

System

CPU	Qualcomm® QCM6490 Processor, Octa-core 2.7GHz
GPU	Adreno™ GPU 643
Memory	8GB LPDDR4x
Storage	128GB eMMC
Operating System	Android 14/ GMS
I/O Ports	1 x USB 3.0 Type-A 1 x USB 3.0 Type-C (Data & Charging) 1 x Ø 3.5mm Standard Earphone Jack 1 x Micro SD (Max. 512GB) + 1 x Nano-SIM (three-in-one card slot) 1 x DC-IN Supports 5V/4A Charging 1 x HDMI 1 x 12PIN Pogo Pin
WiFi	Wi-Fi 6E & DBS, IEEE 802.11a/ b/ g/ n/ ac/ ax, Wi-Fi 2 x 2 MU-MIMO
4G	4G
Bluetooth	Bluetooth 5.2
GPS	GPS/GLONASS/BDS; Dual-frequency L1 + L5

Physical

Camera	Front 5MP Rear 13.0MP Supports autofocus, with flashlight
Speaker	2 x 1W speaker
Color	Grey
Buttons	1 x Power (Yellow) 1 x Volume + Key 1 x Volume - Key 1 x P1 Key (HOME Key) 1 x F Key (This button can be customized when the scanner is not equipped.)
Sensors	G-sensor, Light sensor, Gyroscope, Compass
Data Collection	NFC Module Barcode Scanner Module (Optional)
Battery	3.8V/10000mAh
Using Time	Above 8 hrs (Default 50% volume, Connected to WiFi, Default 200 nits brightness, Playing 1080P HD video)
Power Adapter	DC 5V/4A
Standard Accessory	1 x Power Adapter 1 x Hand Strap
Product Dimension	236.7 x 155.7 x 20.8mm
Product Weight	820g
Box Dimension	323 x 173 x 62mm
Box Weight	1580g

Environment

IP Rating	IP65
Drop Test	1.22m Drop Resistance
Certification	CE/ MIL-STD-810H/ CEC
Operating Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temperature	-30°C ~ 70°C (-22°F ~ 158°F)
Relative Humidity	95% Non-Condensing
Warranty	2 Years

Overview

