

MAA Series ☀

# MAA0802



## 8" Automation Rugged Android Mobile PC



NFC Module



WIFI



4G LTE



Bluetooth



IP65



MIL-STD-810H



- 8" Android 12 Rugged Mobile PC System
- RK3568 Quad-Core Processor
- Support Debian 11 Linux OS
- Advanced Wireless solution for 4G/ WiFi / BT
- Removable Battery Design with high-capacity 10000mAh
- 1.22m drop resistant & MIL-STD-810H certified



Military Equipment/  
Outdoor Exploration



Animal  
Husbandry



Storage Material  
Management



Warehouse  
Management



Retail/ Market/  
finance

# Specification

## MAA0802

### Display

Display Type	8 inch IPS TFT LCD
Resolution	800 x 1280
Aspect Ratio	16:10
Brightness	700 nits
Touch Panel	10-point Capacitive Touchscreen, Glass Hardness 6H, Support GP930 stylus

### System

CPU	RK3568 Quad-Core Processor, Maximum frequency 2.0GHz
GPU	Mali-G5 2-2EE
Memory	4GB LPDDR4x
Storage	128GB eMMC
Operating System	Android 12/ Debian 11 (Optional)
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 TF Card (Max. 512GB) 1 x SIM Card 1 x DC-IN Supports 5V/4A Charging 1 x HDMI 1 x 12PIN Pogo Pin
WiFi	IEEE 802.11 a/b/g/n/ac Dual frequency 2.4G+5.8G
4G	4G
Bluetooth	Bluetooth 5.0
GPS	GPS/ Beidou

### Physical

Camera	Front 5.0MP ; Rear 8.0MP
Speaker	2 x 1W Speaker
Color	Gray
Buttons	1 x Power (Yellow) 1x Volume + Key 1 x Volume - Key 1 x P1 Key (HOME Key) 1 x F Key (Barcode Scanning, Connected to GPIO)
Sensors	G-sensor, Geomagnetic sensor
Data Collection	NFC Module Barcode Scanner Module
Battery	3.8V/1000mAh
Using Time	11 hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default )
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 (WxDxH)
Product Weight	818g
Box Dimension	323 x 173 x 62 mm (WxDxH)
Box Weight	1580g

### Environment

IP Rating	IP65
Drop Test	1.22m Drop Resistance
Certification	CE/ MIL-STD-810H/ FCC/ RoHS
Operating Temperature	-15 °C ~ 55 °C (5°F ~ 131°F)
Storage Temperature	-30 °C ~ 70 °C (-22°F ~ 158°F)
Relative Humidity	95% Non-Condensing
Warranty	2 Years

### Overview



### Optional Accessory

