MAA Series

MAA0605

6" Automation Rugged Android Mobile Handheld PC

5G WIFI Bluetooth IP68 MIL-STD-810H



- 6-inch Android System with Qualcomm QCM4490 Octa-core Processor
- FHD 1080x1920 Display with Multi-touch supporting glove and wet-hand operation
- Advanced Wireless Solutions Supporting 5G, Wi-Fi 6E, Bluetooth 5.2, and GNSS
- Removable Battery Design for Continuous Operation
- IP68 Ingress Protection & MIL-STD-810H Certified Durability
- Modular Expandability: Optional External Barcode Scanner, RFID and GNSS Support


Logistics Operation


Warehouse Optimization


Automotive Diagnostic


Heavy Machine


Fire Truck

Specification

MAA0605

Display

Display Type	6" IPS LCD
Resolution	1080 x 1920
Brightness	550 nits
Touch Panel	Multi-Touch with Gorilla® Glass 3, Supporting Glove and Wet-Hand Operation

System

CPU	Qualcomm QCM4490 Octa-core, 2 x Gold A78@2.4GHz + 6 x Silver A55@2.0GHz
GPU	Adreno GPU 613
Memory	8GB LPDDR4X
Storage	128GB UFS2.2
Operating System	Android 14.0 with GMS
I/O Ports	Nano-SIM Card Slot x 2
	Micro SD Card Slot x1
	USB3.1 Type-C with Rubber Cover x 1
	14 pin Pogo pin x 1
WiFi	IEEE 802.11 a/b/g/n/ac/ax (2.4 & 5GHz Wi-Fi 6E), 2 x 2 MIMO
Bluetooth	Bluetooth® 5.2 BLE
4G/5G	5G
GPS	Beidou/ GPS/ GLONASS/ Galileo
Data Collection	NFC Module
	(Optional) Barcode Scanner Module
	(Optional) High-Precision GNSS
	(Optional) UHF RFID

Physical

Camera	16M FF/ 32M AF, Double white LED Flash
Audio	1W Speaker
Color	Black
Buttons	Power x 1
	Volume + Key x 1
	Volume - Key x 1
	Function key x 1
LED	2-Color (Red/ Blue) indicator
Sensors	Light Sensor, Proximity Sensor, Acceleration Sensor,
	Magnetic Sensor, Barometer, Gyroscope Sensor
Battery	Li-Ion 3.8V 8000mAh (30.4Wh)
Power Adapter	QC 4.0 & PD3.0 18W Type-C Power Adapter
Standard Accessory	Power Adapter x1
	Handstrap x 1
	Type-C Cable x 1
Optional Accessory	Removable Battery: Li-Ion, 3.8V, 8000mAh
	Battery Charger
	GNSS
	Handstrap
	RFID

Packing List

Accessories	Power Adapter x1
Product Dimension	193.5 mm (L) x 93 mm (W) x 15 mm (H)
Product Weight	390g
Box Dimension	TBD
Box Weight	TBD

Environment

IP Rating	IP68
Drop Test	1.5m drop resistance, MIL-STD-810H
Certification	CE/FCC
Operating Temperature	-20 °C to 60 °C (-4°F to 140°F)
Storage Temperature	-40 °C to 70 °C (-40°F to 158°F)
Relative Humidity	0-95% RH (Non-condensing)
Warranty	2 Years

Overview





Optional Accessory


Barcode Scanner


Battery Charger


GNSS


Hand Strap


RFID


Power Adapter

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