

MAA Series

MAA1221



12.2" Automation Rugged Android Mobile Tablet PC



- 12.2-inch Android System with Qualcomm QCM6490 Processor
- 10-point capacitive multi-touch panel with FHD Display
- Advanced Wireless Solution Support 5G, WiFi 6E, BT 5.2 and GNSS
- 1.22m drop resistant & MIL-STD-810H certified
- Built-in Multiple Sensors such as Light Sensor, G-Sensor..etc.
- IP65 Protection level



Logistics
Management



Warehouse
Optimization



Process
Supervision



Inventory
Checking



Firefighters
Monitoring

Specification

MAA1221

Display

Display Type	12.2" LCD
Resolution	1920 x1200 FHD
Brightness	700 nits
Touch Panel	10 Points, Capacitive Multi-Touch Screen Support Active Stylus

System

CPU	Qualcomm® QCM6490 Processor(up to 2.7GHz , 8cores)
GPU	Qualcomm® Adreno™ 643L
Memory	8GB LPDDR4
Storage	128GB UFS
OS	Android 14
IO Ports	USB 2.0 Type-A x 2 USB3.0 Type-A x 1 USB 2.0 Type-C x 1 3.5mm AudioJack x 1 HDMI 1.4 mini x1 10/100M/1000M Ethernet (RJ45) x1 Serial port (RS232: D-sub, 9-pin) x1 Serial port (RS485: D-sub, 9-pin) x1 DC-In 3.5mm jack x 1 Micro SD card x1 SIM Card x1 12pin POGOPin x1(Charge&USB)
WiFi	Wi-Fi 6E
Bluetooth	Bluetooth® 5.2
4G/5G	5G
GPS	GPS/GLONASS/BEIDOU/Galileo/QZSS(L1+L5)
Data Collection	NFC Module Barcode Scanner Module (Optional)

Physical

Camera	Rear: 13MP Front: 5MP
Power Adapter	DC 5V/4A
Battery	12600mAh/3.7V (Removable)
Button	1 x Power On/Off 1 x Volume + 1 x Volume - 1 x P1 key *1 (HOME key) 1 x P2 key (BACK key) 1 x F key (Barcode Scanning, GPIO)
Standard Accessory	1 x Hand Strap 1 x Metal Stand 1 x Power Adapter
Dimensions	319.6 x 216 x 24.3mm
Weight	1500g

Environment

Rugged Feature	IP65, 1.22m drop test
Certification	MIL-STD-810G, CE NB, FCC, RoHS
Operating Temperature	-20°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Relative Humidity	95% (non-condensing)
Warranty	2 Years

Detail



Optional Accessories

