

MMA Series

## MMA1221



## 12.2" Medical Grade Android Mobile Tablet PC



- 12.2" Medical Grade Android System with Qualcomm QCM6490 Processor
- Alcohol Resistant and Anti-Bacterial Enclosure Design
- Removable 12,600mAh Large Capacity Battery with 8 hours operation time
- IP65 Ruggedized Protection and 1.22m Drop Resistant
- Wireless Solution Support 5G, WiFi, BT and GNSS
- IEC60601 Medical Certified



Medical &amp; Healthcare



Daily Patient Management



Remote Mobile Medical Service



Medicine Management



Emergency Field

# Specification

## MMA1221

### 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	Barcode Scanner Module(Optional) NFC Module(Optional)

### Physical

Camera	FF 5.0 MP front camera AF 13.0 MP rear camera
Audio	Speaker 1W x2 Microphone x1
Color	Black
Buttons	P1 Key (User-definable keys(Default Home key))x1 P2 Key (User-definable keys(Default return key))x1 Scan Key (User-definable keys(Default Scan key))x1 Power On/Off x1 Volume + Key x1 Volume - Key x1
Indicator LED	Home Key x1 Charge LED indicator x1 Power LED indicator x1 4G/5G LED indicator x1
Sensors	Hall sensor, G-sensor, Light Sensor, Geomagnetic sensor
Battery	Battery Li-Ion, 3.7V, 12600mAh, 7.9h
RTC Battery	RTC 3V/1mAh on board
Power Adapter	AC adapter: 100-240V, 5V/4A/20W USB-Type-C Adapter: 5V/4A/20W (Optional)
Standard Accessory	Power Adapter x1 Hand Strap x1

### Optional Accessory

Removable Battery
Power Adapter
Docking Station
Mounting Holder
Vehicle Charger
Detachable Keyboard
Shoulder Strap
Back Strap

### Packing List

Accessories	Power Adapter x1 Hand-strap x 1 Carry handle x 1 Bracket x 1
Product Dimension	319.6*216*24.3 mm
Product Weight	1500g
Box Dimension	TBD
Box Weight	TBD

### Environment

IP Rating	IP65
Drop Test	1.22m Drop Resistance
Certification	CE,CCC / MIL-STD-810H/ IEC 60601-1
Operating Temperature	-20 °C to 60 °C (-4°F-140°F)
Storage Temperature	-30 °C to 70 °C (-22°F-158°F)
Relative Humidity	95% Non-Condensing

### Overview

