

MAS Series

MAS0804



8" Automation Rugged Windows Mobile Tablet PC



- 8" 1920 x 1200 FHD Windows System with Intel®AlderLake i5-1235U Processor
- 10 points, Capacitive Multi-Touch Screen
- USB Type-C with Power Delivery 3.0 & DisplayPort Alt Mode Support
- Advanced Wireless Solution Support 4G/LTE, WiFi 6, BT 5.3 and GNSS
- IP67 Waterproof and Dustproof Resistance and MIL-STD-810H Compliant



Instrument
Testing



Industrial Operating
System



Logistics
Operation



Warehouse
Optimization



Inventory
Checking

Specification

MAS0804

Display

Display Type	8" IPS LCD
Resolution	1920 x1200 FHD
Brightness	550 nits
Touch Panel	10 Points, Capacitive Multi-Touch Screen, support Active Pen

System

CPU	Intel AlderLake i5-1235U(12MB Cache,up to 4.4GHz, 10 cores,12 threads,TDP 15W) Intel AlderLake i7-1255U(12MB Cache,up to 4.7GHz,10 cores,12 threads,TDP 15W)(Optional)
GPU	Intel® Iris® Xe Graphics eligible
Memory	16GB LPDDR4 on board
Storage	128GB M.2 SSD (Optional) 256GB SSD/512GB SSD
SSD	M.2 2280 M-Key SSD (Expansion Slot) x1 (Optional)
Operating System	Windows 11
Security	Integrated Trusted Platform Module (TPM 2.0)
I/O Ports	USB 3.2 Type-C x1 (Support Charging & Host & HDMI) USB 3.2 Type-A x1 Micro SD Solt x1 RJ45 Gigabit Ethernet Port x1 DC 4.0mm jack x1 12pin POGOPin (Charge&USB) x1 Nano SIM card slot x1
WiFi	Intel® Wi-Fi 6E AX210 802.11 a/b/g/n/ac/ax (2.4 & 5GHz 6GHz)
Bluetooth	Bluetooth® 5.3
4G/5G	4G LTE (Optional 5G)
GPS	Support GPS, GLONASS
Data Collection	NFC Module Fingerprint Module Barcode Scanner Module (Optional)

Physical

Camera	FF 5.0 MP Front Camera AF 13.0 MP Rear Camera And Flashlight
Audio	Speaker 1W X1 Microphone X1
Fan	Integrated Fan X1
Color	Grey
Buttons	F Key (Scan Key) X1 Power (Power Key) X1 Volume Key + (Volume Up Key) X1 Volume Key - (Volume Down Key) X1 Windows Home (Home Key) X1
Indicator LED	Bicolour Charging Indicator X1; Blue Indicator X1
Sensors	G-Sensor
Main Battery	Battery Li-Ion, 7.6V, 5700mah, 6.8h
RTC Battery	RTC 3V/1mah On Board
Power Adapter	AC Adapter: 100-240V, 50Hz-60Hz, 12V/4A/48W USB-Type-C Adapter: 12V/2.5A/30W (Optional)
Standard Accessory	Power Adapter X1 Hand Strap X1
Optional Accessory	Removable Battery Power Adapter Docking Station Vehicle Charger

Packing List

Accessories	Power Adapter x1
Product Dimension	236.8 mm (L) × 155.8 mm (W) × 21.6 mm (H)
Product Weight	850g
Box Dimension	TBD
Box Weight	TBD

Environment

IP Rating	IP67
Drop Test	1.2m Drop Resistance
Certification	CE,CCC / MIL-STD-810H
Operating Temperature	-20 °C to 60 °C
Storage Temperature	-30 °C to 70 °C
Relative Humidity	95% Non-Condensing
Warranty	2 Years

Overview

Unit : mm

