

MAS Series

MAS1107



10.95" Automation Rugged Windows Mobile Tablet PC



- 10.95" 1920 x 1200 FHD Windows System with Intel® 12th Gen. Core™ Processor
- 10-point Touch Screen supports Touch Screen with Wet Hands and gloves
- Hot Swappable Dual Battery Design
- Advanced Wireless Solution Support 4G/LTE, WiFi 6, BT 5.2 and GNSS
- Integrated GigaLAN RJ45 Port and DB9 Serial Port
- IP67 Waterproof and Dustproof Resistance and MIL-801H Compliant



Instrument
Testing



Industrial Operating
System



Logistics
Operation



Warehouse
Optimization



Inventory
Checking

Specification

MAS1107

Display

Display Type	10.95" TFT LCD
Resolution	1920x1200
Brightness	550 nits
Touch Panel	10-point touch G+FF, hardness $\geq 7H$, supports touch screen with wet hands, Touch screen with gloves

System

CPU	Intel Core Alder Lake i5-1235U 10 cores, 12 threads, 1.3GHz-4.4GHz Intel Core Alder Lake i7-1255U 10 cores, 12 threads, 1.7GHz-4.7GHz (Optional)
GPU	Intel® Iris® Xe Graphics eligible
Memory	DDR5-4800 MT/s 16G , Up to 48GB(Optional)
Storage	M.2 SSD 256GB, Up to 2TB(Optional)
Operating System	Windows 10 , Windows 11 , Ubuntu22.04.5
Security	Trusted Platform Module (TPM 2.0) , Locker Hole
I/O Ports	USB 3.0 Type-C x1 USB 3.0 Type-A x1 USB 2.0 Type-A x1 3.5mm Audio jack x1 RS232 serial port (optional 232/422/485 protocol) x1 TF Card (Maximum support 256GB expansion) x1 Standard Micro SIM card slot x1 RJ45 Gigabit Ethernet Port x 1 HDMI x 1 DC port 19V-3.42A (DC plug OD 5.5mm ID 2.1mm) x 1 POGO PIN 14Pin USB+charger x 1
WiFi	WIFI 6
Bluetooth	Bluetooth® 5.2 Transmit Distance : 10m
4G/5G	4G LTE (Optional 5G)
GPS	GPS 、Beidou, Galileo 、GLONASS
Data Collection	NFC Module Fingerprint Module Barcode Scanner Module (Optional)

Physical

Camera	Front Camera: 8.0MP Fixed Focus Camera Rear Camera: 12.0MP Autofocus Camera with Flash
Audio	Speaker 2W/4Ω x2 MICx1, waterproof rating
Color	Black
Dimension	307.5mm x 211.1mm x 44.2mm
Weight	1560g
Buttons	Power Button*1 Volume Keys*2, Vol+, Vol- Custom Keys*2, P key, F key Windows Button*1"
LED	Power, Battery, WIFI
Sensors	Gravity sensor
Main Battery	11.4V 8300mah High-Voltage Lithium Battery, Removable, Battery Life $\geq 8h$ (1080P+50% Brightness)
Sub Battery	11.4V 300mah High-Voltage Lithium Battery, Non-Removable, Battery Life $\geq 15MIN$ (1080P+50% Brightness)
Power Adapter	19V-3.42A, DC interface Power Adapter x1
Optional Accessory	Removable Battery Power Adapter Handle Strap Shoulder Strap

Packing List

Accessories	19V-3.42A, DC Interface Power Adapter x1 Adjustable Stand x 1 Stylus x 1
Product Dimension	300.5mm x 204.1mm x 23.3mm
Product Weight	1560g

Environment

IP Rating	IP67
Drop Test	1.2m drop resistance
Certification	CE/ 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

