

MAS Series 

MAS0805



8" Automation Rugged Windows Mobile Tablet PC



- Intel® Alder Lake-N N100 Processor
- 8 inch Windows System
- 550 nits High Brightness Sunlight Readable
- Support 4G/LTE, WiFi, BT and GNSS
- Support 2D Barcode Scanner Module, NFC Module
- 1.22m drop resistant & MIL-STD-810H certified



Instrument
Testing



Industrial Operating
System



Logistics
Operation



Warehouse
Optimization



Inventory
Checking

Specification

MAS0805

Display

Display Type	8 inch IPS LCD
Resolution	1200x1920
Brightness	550 nits
Touch Panel	5-Point capacitive touch screen, Hardness Above 7H, Scratch-Resistant, Supports 930 Stylus

System

CPU	Intel N100 Processor
GPU	Intel® UHD Graphics
Memory	8GB LPDDR5
Storage	128GB eMMC
Operating System	Windows 10 IoT Enterprise LTSC 2021/ Windows 11
I/O Ports	1 x USB 3.0 Type-A x 1 1 x USB 3.0 Type-C x 1 (Data & Charging) 1 x SIM Card 1 x TF Card 1 x HDMI 2.0 Mini 1 x 12PIN Pogo Pin 1 x Φ3.5mm standard earphone jack 1 x DC 12V 4A Power Port
WiFi	WiFi6 802.11(a/b/g/n/ac/2/ax 1x1) frequency
4G	2.4G + 5.8G Dual-band WIFI (Intel AX101) LTE FDD: B1/B3/B5/B7/B8/B20/B28 LTE-TDD B38/B40/B41
Bluetooth	BT5.2
GPS	GPS+Glonass, (Optional GPS+Beidou)
Data Collection	Barcode scanner Module NFC Module

Physical

Camera	Front 5.0MP ; Rear 8.0MP
Speaker	2 x 1W Waterproof Speaker
Color	Caesious
Dimension (WxHxD)	236.7 x 155.7 x 20.8mm
Weight	818g
Buttons	1 x Power 1x Volume + Key 1 x Volume - Key 1 x P1 Key (HOME Key) 1 x F Key (Barcode Scanning, Connected to GPIO)
Sensors	G-Sensor
Battery	Removable Polymer Lithium-ion Battery 7.6V/5000mAh
Using Time	7 hrs (Default 22% Volume (70dB), Default 50% Volume Brightness (300nits), Play 1080P HD Video)
Power Adapter	DC 12V 4A Adapter x1 (Male Plug Outer Diameter 5.5mm)
Standard Accessory	1 x DC 12V 4A Adapter 1 x Hand-Strap
Packaging Box Dimension	323 x 173 x 62mm
Packaging Box Weight	1580g

Environment

IP Rating	IP65
Drop Test	1.22m drop resistance
Certification	CE/ FCC/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



Optional Accessory

