MAS Series
MAS0801

MACTRON
GROUP ®

8" Automation Rugged Windows Mobile Tablet PC

4G 📶
4G LTE

NFC 📶
NFC Module

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Barcode Scanner

💧
IP65

1.22M
Drop Resist.

- 8" Windows System
- Intel® Celeron® N5100 Processor
- 700 nits High Brightness Sunlight Readable
- Support 4G LTE, NFC Module
- Support Optional Barcode Scanner
- Support GNSS, Wi-Fi , Bluetooth 5.0

Logistics
Operation

Warehouse
Optimization

Inventory
Checking

Firefighters
Monitoring

Data
Collection

Specification

MAS0801

Display

Display Type	8" IPS TFT LCD
Resolution	1280 x 800
Aspect Ratio	16:10
Brightness	700 nit
Touch Panel	5 Points Projected Capacitive Touch

System

Processor	Intel® Celeron® N5100 Quad Core
GPU	Intel® UHD Graphics
Memory	LPDDR4 8 GB
Storage	128 GB eMMC
I/O Ports	1 x USB 3.0 Type A
	1 x USB Type C
	1 x HDMI 1.4a Type C
	1 x 3.5mm standard earphone jack
	1 x TF slot (Max.128GB) (SDHC/SDXC)
	1 x SIM slot
	1 x 12pin POGO pin
Operating System	Windows 10

Physical

Camera	Front Camera : 5.0 MP
	Rear Camera : 8.0 MP
Speaker	2 x 0.8W
Color	Black
Dimensions (WxHxD)	236.7 x 155.7 x 20mm
Weight	910 g
Button	1 x Power On/Off
	1 x Volume +
	1 x Volume -
	1 x Home
	1 x Custom
Sensor	G-sensor
Battery	5,000 mAh/7.6 V (Removable)
Using Time	7 hrs (Default 50% Volume, 50% Brightness, Play
	1080 HD Video)
Power Adapter	19 V/3.42 A or 12V/ 4A
Communication	WLAN - 802.11 a/b/g/n/ac, 2.4GHz/5.8GHz
	WWAN - 4G
	Bluetooth 5.0
	GPS, GLONASS
Security	TPM 2.0
Data Collection	NFC Module
	Barcode Scanner Module
Standard Accessory	1 x Hand Strap
	1 x Power Cable
Packaging Box Dimension	323 x 173 x 62mm
Packaging Box Weight	1580g

Environment

IP Rating	IP65
Drop Test	1.22 m
Certification	CE/FCC/UKCA/ MIL-STD-810H
Operating Temperature	-20°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Relative Humidity	95% (non-condensing)
Warranty	2 Years

Overview

Front Camera — Scan Window

Custom
Home
Volume+
Volume-
Power

236.7 mm

Battery — POGO Pin Rear Camera — Protection Corner

Battery Cover Latch

USB 3.0
Audio
HDMI
USB Type C

155.7 mm

20 mm

Optional Accessory

ABATN54
Removable Battery

ACARMN2
Mounting Holder

ADOCKN2
Docking Station

ADA19C0
Power Adapter
19V/3.42A or 12V/4A

ACARC02
Vehicle Charger
Type-C (19V/3.42A)

MACTRON

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