

MAS Series

MAS0800



8" Automation Rugged Windows Mobile Tablet PC



- 8" Windows Rugged Mobile Tablet PC System
- Equipped with Intel® Celeron® N5100 Processor
- Equipped with FHD 1920 x 1200 Display with Pcap Touch screen
- Seamless integration of Wi-Fi, Bluetooth, 4G LTE, and GPS
- 1.22m Drop Resistant & MIL-STD-810H Certified
- IP67 Dust and Water Resistance for rugged and harsh environments



Warehouse
Management



Storage Material
Management



Retail



Market



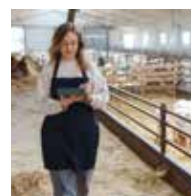
finance



Outdoor
Exploration



Military
Equipment



Animal
Husbandry

Specification

MAS0800

Display

Display Type	8" IPS TFT LCD
Resolution	1920 x 1200
Aspect Ratio	16:10
Brightness	700 nits (Optional 1000 nits)
Touch Panel	Anti-fingerprint (AF) Coating, 5-point touch G+G, Hardness 7H, Support for Medical Rubber Gloves Touch Screen (Can be Customised Wet Hand Touch Screen)

System

CPU	Intel® Celeron® N5100 Quad Core Processor
GPU	Intel® UHD Graphics
Memory	8GB
Storage	128GB
Operating System	Windows 10 IoT Enterprise 2021 LTSC, Windows 11, Ubuntu 22.04.5
I/O Ports	USB Type C x1 (USB3.0 support PD charging) USB3.0 Type A x1 3.5mm Standard Headphone Jack x1 RJ45 (100Mbps) x1 Micro SIM Card x1 TF Card x1 (Max. 256GB) Micro HDMI x1 DC Plug (12V/4A_3.5mm/1.35mm) x1 Pogo Pin (12Pin USB+Charging) x1
WiFi	WiFi 802.11(a/b/g/n/ac) Frequency 2.4G+5.8G Wi-Fi 5 (Optional Wi-Fi 6)
4G	4G/LTE
Bluetooth	Bluetooth 5.2 transmit distance : 10m
GPS	GPS, GLONASS (Optional Single-System BeiDou Positioning)
Data Collection	NFC Module (Optional with 4G module) Barcode Scanner Module (Optional)

Physical

Camera	Front Camera: 5.0MP Fixed Focus Rear Camera: 8.0MP Auto Focus
Audio	1W Waterproof Speaker x2
Color	Black
Dimension (WxHxD)	232.2 x 151.3 x 30.4mm (WxHxD)
Weight	889g
Buttons	Power Button x1 Volume +/- Key x2 Custom keys x2 (P key & F Key)
Sensors	Gravity Sensor
Battery	4,700mAh/ 7.6V Removable Battery
Power Adapter	12V/ 4A DC Power Adapter
Optional Accessory	Docking Station (Under Development) Removable Battery DC Power Adapter USB Type-C Adapter Carry Strap

Packing List

Standard Accessory	12V/4A Power Adapter x 1 Hand Strap
Product Dimension	232.2 x 151.3 x 30.4mm (WxHxD)
Product Weight	889g
Packaging Box Dimension	335 x 175 x 68 mm (WxHxD)
Packaging Box Weight	1381g

Environment

IP Rating	IP67
Drop Test	1.22m Drop Resistance
Certification	CE/MIL-STD-810H
Operating Temperature	-20 °C to 60 °C
Storage Temperature	-30 °C to 60 °C
Relative Humidity	95% Non-Condensing
Warranty	2 Years

Overview

