

MAS Series

MAS1338



13.3" Automation Rugged Windows Mobile Tablet PC



WIFI



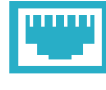
4G LTE



NFC Module



Barcode Scanner



RJ45



IP65



MIL-STD-810H



- 13.3-inch Windows System with Powerful Intel® Core™ Ultra Performance
- 10-point Touch Screen supports Touch Screen with Wet Hands and glove
- Hot Swappable Dual Battery Design
- Advanced Wireless Solution Support 4G/LTE, WiFi 6, BT 5.2 and GNSS
- Rich Industrial I/O Connectivity
- IP65-Rated Rugged Design for Harsh Environments



Warehouse
Management



Storage
Material
Management



Outdoor
Exploration



Military
Equipment



Animal
Husbandry

Specification

MAS1338

Display

Display Type	13.3" TFT LCD
Resolution	1920 x 1080
Aspect Ratio	16:9
Brightness	400 nits
Touch Panel	10-point touch screen, hardness $\geq 7H$, support wet hand touch screen, glove touch screen

System

CPU	Intel® Core™ Ultra 5 Processor 125U
GPU	Intel® Graphics
Memory	16GB, up to 48GB DDR5
Storage	256GB, up to 2TB M.2 SSD
Security	Built-in TPM 2.0
Operating System	Windows 11, Ubuntu 22.04.5
I/O Ports	USB 3.0 Type-C x1 (support data transmission and charging)
	USB3.0 Type-A x1
	USB 2.0 Type-A x 2
	3.5mm Standard Headphone Jack x1
	1GbE RJ45 x1
	Nano SIM Card Slot x1
	TF Card Slot x1 (up to 256GB Expansion)
	HDMI x1
	RS-232 with DB9 Connector x 1 (Optional for RS-232/422/485)
	DC Plug (19V/3.42A_5.5mm/2.1mm) x1
WiFi	Pogo Pin (14Pin USB+Charging) x1
	Wi-Fi 802.11 b/g/n/ax , Wi-Fi 6E
Bluetooth	Bluetooth 5.3 Transmission distance: 10m
WWAN	4G/LTE
GPS	GPS 、 Beidou, Galileo GLONASS ,
	(Optional single Beidou positioning)
Data Collection	NFC Module (Optional)
	Fingerprint Module
	Barcode Scanner Module (Optional)
	UHF RFID Module (Optional with Customized back cover)

Physical

Camera	Front Camera: 8.0 MP fixed focus camera
	Rear Camera: 12.0 MP autofocus camera with flash support (16MP Optional)
Audio	2W Speaker x2
	MIC x1
Color	Black
Dimension (WxHxD)	345.0 x 233.0 x 35.2 (WxHxD) (excluding handle: ± 5 mm)
Weight	2098g (excluding handle: ± 10 g)
Buttons	Power Button x1
	Brightness +/- Key x2
	Home Key x 1
	Customized function keys x2 (P1, P2 (scanning key))
Sensors	Gravity Sensor
Battery	11.4V 8300mAh lithium battery, removable, supports hot-swapping, battery life $\geq 6h$ (1080P+50% brightness)
	Built-in 11.4V 300mAh lithium battery, non-removable, battery life $\geq 10MIN$ (1080P+50% brightness)
Power Adapter	19/3.42A · 65W DC interface adapter

Optional Accessory	Power Adapter
	Removable Battery
	Shoulder Strap
	Charging Dock
	Vehicle Charger

Packing List

Standard Accessory	65W DC Power Adapter x 1
	Stylus x 1
	Handle x 1
Product Dimension	345.0 x 233.0 x 35.2 (WxHxD) (excluding handle: ± 5 mm)
Product Weight	2098g (excluding handle: ± 10 g)
Box Dimension	434 x 255 x 60 mm
Box Weight	3125g

Environment

IP Rating	IP65
Drop Test	1.22m 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

