

MAS Series 

# MAS1337



## 13.3" Automation Rugged Windows High Performance Mobile Tablet PC



- 13.3-inch Windows System with Intel® Core i5-1235U Processor
- 10-point capacitive multi-touch panel
- Support Light, Acceleration and Gravity Sensor
- Advanced Wireless Solution Support 4G/LTE, WiFi 6, BT 5.2 and GNSS
- Rich I/O Ports such as USB3.0, HDMI, RS-232, GbE LAN
- 1.2m drop resistant & MIL-STD-810G certified



Logistics  
Operation



Warehouse  
Optimization



Automotive  
Diagnostic



Heavy Machine



Fire Truck

# Specification

## MAS1337

### Display

Display Type	13.3" IPS LCD
Resolution	1080 x 1920
Brightness	450 nits
Touch Panel	10-points Capacitive multi-touch screen

### System

CPU	Intel® Core™ i5-1235U Processor Intel Core™ i7-1255U processor (Optional)
GPU	Intel® Iris® Xe Graphics
Memory	LPDDR5 x 16GB
Storage	256GB/ (Optional 512GB)
Operating System	Windows®10 IoT Enterprise(LTSC), Windows® 11 IoT
Security	Enterprise(GAC)
I/O Ports	HDMI Type-A x 1 USB 3.2 Type A x 2 Type-C x 1 (Support fast charging) Aviation interface x2: customized interface & RS232 (RS232 not fully functional, only TX RX GND) Card slot: SIM card slot+TF card slot Headphone Jack x 1 (3.5mm standard headphone interface) GbE RJ45 x 1 DC-In jack (4.0mm) x 1 Anti-theft lock hole x 1 16-pin Pogo Pin x 1
WiFi	Intel® Wi-Fi 6 AX201 (802.11 ax)
Bluetooth	Bluetooth® 5.2
4G/5G	4G LTE
GPS	GPS, BDS, GLONASS
Data Collection	NFC Module (13.56 MHz, Distance: 1-3cm) Barcode Scanner Module

### Physical

Camera	5.0 MP front-facing camera 8.0 MP rear camera
Audio	2 x 8Ω /0.8W
Color	Black
Dimension	337.7 mm (L) x 209.2 mm (W) x 24 mm (H)
Weight	1450g
Buttons	Power x 1 Volume - Key x 1 Volume + Key x 1 User-definable Key (P&H) x 2 "F" for Barcode Scan
Sensors	Light sensor, Acceleration sensor, Gravity sensor
Battery	7.6V/8000mAh
Power Adapter	USB Type-C Power Adapter (12V/3A)
Standard Accessory	Power Adapter x1 Carry strap x 1 Wrist strap x 1
Optional Accessory	Removable Battery: Li-Ion, 7.6V, 6000mAh

### Packing List

Accessories	Power Adapter x1 Carry strap x 1 Wrist strap x 1 Screw
Product Dimension	337.7 mm (L) x 209.2 mm (W) x 24 mm (H)
Product Weight	1450g

### Environment

IP Rating	IP65
Drop Test	1.2m drop resistance
Certification	CE/ FCC/ MIL-STD-810G
Operating Temperature	-20 °C to 55 °C
Storage Temperature	-25 °C to 80 °C
Relative Humidity	95% Non-Condensing
Warranty	2 Years

### Overview



### Optional Accessory

