

MAS Series 

MAS1018



10.1" Automation Rugged Windows Mobile Tablet PC



- 10.1" 1920 x 1200 FHD Windows System with Intel® 12th Gen. Core™ Processor
- 10 points, Capacitive Multi-Touch Screen
- Hot Swappable Dual Battery Design
- Advanced Wireless Solution Support 4G/LTE, WiFi 6, BT 5.2 and GNSS
- Multiple touch modes (user-selectable): Finger, Water, Glove, Stylus
- IP65 Waterproof and Dustproof Resistance and MIL-801H Compliant



Instrument
Testing



Industrial Operating
System



Logistics
Operation



Warehouse
Optimization



Inventory
Checking

Specification

MAS1018

Display

Display Type	10.1" IPS LCD
Resolution	1920x1200 FHD
Brightness	800 nits
Touch Panel	10 points, capacitive multi-touch screen User selectable touch mode for Finger/Water, Glove, or Stylus programmable function

System

CPU	Intel® Core™ i5-1235U (12th Gen) Processor (12MB Cache, up to 4.4 GHz, 2P+8E cores)
GPU	Intel® Iris® Xe Graphics eligible
Memory	DDR5-5200 MT/s 16G , Up to 32GB(Optional)
Storage	256GB PCIe, Up to 1TB
Operating System	Windows 10 , Windows 11
Security	Trusted Platform Module (TPM 2.0), Locker Hole
I/O Ports	USB 3.2 Type-C x 1 USB 3.0 Type-A x 2 Micro SD Slot: support SDHC SDXC up to 1 TB x1 RJ45 Gigabit Ethernet Port x1 USB2.0 (Type A) x1 HDMI Type-A (HDMI2.0) x1 DC Jack x1 Type-C for Charging x1 Docking Connector (35-pin Pogo) x1 Nano SIM card slot x1 Power Button
WiFi	Intel® Wi-Fi 6E AX210 802.11 a/b/g/n/ac/ax (2.4 & 5GHz 6GHz)
Bluetooth	Bluetooth® 5.2
4G/5G	4G LTE (Optional 5G)
GPS	GNSS Module (uBlox NEO-M9N) Support GPS, GLONASS, Galileo, BDS
Data Collection	Barcode Scanner Module (Optional)

Physical

Camera	13.0 MP auto-focus rear camera with flash Integrated 5.0 MP front-facing camera
Audio	Speaker x1 Microphone x1
Color	Black
Housing	Magnesium alloy inner frame
Dimension	268.5 mm (L) × 191 mm (W) × 22.35 (29) mm (H)
Weight	1.2 kg
Buttons	F1 (LED Light) x1 F2 (Default Volume down) x1 F3 (Default Volume up) x1 - F4 (Default brightness down) x1 + F5 (Default brightness up) x1 Windows Key x1
Indicator LED	4 LED (Power, Hard Disk, Front CAM, Battery)
Sensors	Light Sensor G-sensor
Main Battery	11.01V 6000mAh (66.06wh)
Sub Battery	880mAh/7.4V, Support 10 minutes work
Battery Life (JEITA 2.0)	≥10 hours
Power Adapter	100-240V, 50Hz-60Hz, 19V-3.42A 65W USB Type C
Standard Accessory	19V-3.42A, USB-Type C Power Adapter x1
Optional Accessory	Removable Battery Power Adapter Docking Station

Packing List

Accessories	19V-3.42A, USB-Type C Power Adapter x1
Product Dimension	268.5 mm (L) × 191 mm (W) × 22.35(29) mm (H)
Product Weight	1.2 kg

Environment

IP Rating	IP65
Drop Test	1.2m drop resistance
Certification	CE,CCC / MIL-STD-810H
Operating Temperature	-25 °C to 60 °C (-13 °F to 140 °F)
Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Relative Humidity	95% Non-Condensing
Warranty	2 Years

Overview

Unit : mm

