

MAS Series 

MAS1408



14" Automation Rugged Windows Mobile AI Tablet PC



- Intel® Core™Ultra 7 Processor 155H
- 14 inch Windows System
- New integrated NPU for dedicated AI Acceleration
- Dual Capacity Hot Swap Battery Design
- 1,000 nits High Brightness Sunlight Readable
- Advanced wireless solution support 4G/ LTE, WiFi 6, BT 5.1 and GNSS



Instrument
Testing



Industrial Operating
System



Logistics
Operation



Warehouse
Optimization



Inventory
Checking

Specification

MAS1408

Display

Display Type	14-inch LCD
Resolution	1920x1080
Brightness	1000 nits
Touch Panel	10-Point Capacitive Screen, Hardness above 7H; Scratch-resistant; Supports glove touch

System

CPU	Intel® Core™Ultra 7 Processor 155H 24M Cache, up to 4.80 GHz
GPU	iGfx/dGfx (Intel Xe LPG Graphics)
Memory	32GB DDR5 4800MHz
Storage	256GB M.2 SSD
Operating System	Windows 11/ 10 IoT
Security	TPM2.0
I/O Ports	3 x USB Type-A (1 x USB3.2, 2 x USB2.0) 1 x USB Type-C (Support Thunderbolt 4) 1 x Φ3.5mm standard earphone jack 1 x HDMI 2.0a Mini 1 x SIM card 1 x TF card 1 x RJ45 10M/ 100M/ 1000M self-adaptive 1 x RJ45 10M/ 100M/ 1000M self-adaptive (USB2.0), supports Gigabit Ethernet protocol 1 x RS232 1 x 12PIN Pogo Pin (USB & Charging) 1 x DC19V/3.78A Φ5.5mm power interface
WiFi	Intel AX200, Supports Wi-Fi 6 Frequency: 2.4G+5.8G Dual-band WiFi
4G/ 5G	4G (M.2 interface) ; LTE-FDD: B1/ 3/ 5/ 7/ 8/ 20/ 28 LTE-TDD: B38/ 40/ 41 (Optional 5G)
Bluetooth	BT5.1 (BLE) class1 Data transmission distance: 10m
GPS	GPS
Data Collection	Fingerprint Module NFC Module Barcode scanner Module

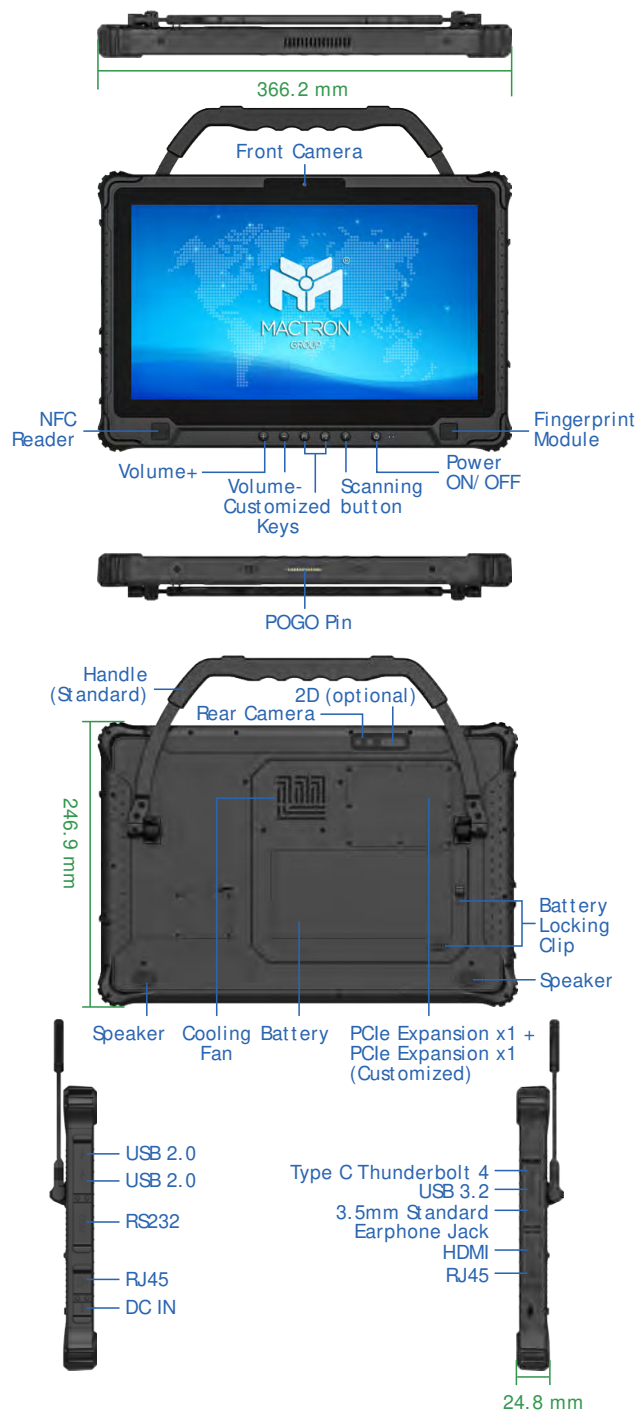
Physical

Camera	Front 5.0MP ; Rear 13.0MP
Speaker	2 x Built in 3W waterproof speaker
Color	Black
Dimension (WxHxD)	366.2mm x 246.9mm x 24.8mm
Weight	2400g
Buttons	1 x Power 1x Volume + Key 1 x Volume - Key 1 x PCustomized key 1 x F Key (Barcode Scanning)
Sensors	G-Sensor
Battery	1300mAh/ 11.1V (Built-in), 4850mAh/ 11.55V (Removable and Hot Swappable)
Using Time	8H (1080P video playing with system in balanced mode, 320nits screen brightness, 70db volume at 10cm, and WiFi/ BT turned off)
Power Adapter	1 x DC 19V / 3.78A / 71.82W Power Adapter
Standard Accessory	1 x DC19V / 3.78A adapter 1 x Hand-Strap
Packaging Box Dimension	445 x 315 x 75 mm
Packaging Box Weight	3100g

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



Optional Accessory



ABAT140
Removable Battery
4850mAh/ 11.55V



ADA19D3
Power Adapter
DC 19V/ 3.78A/ 71.82W