

MAS Series

# MAS1227



## 12.2" Automation Rugged Windows Mobile Tablet PC



- 12.2" Windows System
- Intel® Celeron® N5100 Processor
- Dual Capacity Battery Design
- Support 4G LTE, NFC Module
- Support Optional Barcode Scanner
- Support GNSS, Wi-Fi 5, Bluetooth 5.0



Logistics  
Management



Warehouse  
Optimization



Process  
Supervision



Inventory  
Checking



Firefighters  
Monitoring

# Specification

## MAS1227

### Display

Display Type	12.2" IPS TFT LCD
Resolution	1920 x 1200
Aspect Ratio	16:9
Brightness	280 nit
Touch Panel	10 Points Projected Capacitive Touch

### System

Processor	Intel® Celeron® N5100 Quad Core
GPU	Intel® UHD Graphics
Memory	LPDDR4 8 GB
Storage	128 GB eMMC
I/O Ports	1 x USB 2.0 Type A 2 x USB 3.0 Type A 1 x USB Type C 1 x LAN 1 x HDMI 1.4a Type C 1 x COM (RS232) 1 x COM (RS485) 1 x 3.5mm standard earphone jack 1 x TF slot (Max.128GB) (SDHC/SDXC) 1 x SIM slot 1 x DC jack 1 x 12pin POGO pin

Operating System	Windows 11
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### Physical

Camera	Front Camera : 5.0 MP Rear Camera : 8.0 MP
Speaker	2 x 0.8W
Color	Black
Dimensions (WxHxD)	319.6 x 216 x 24.3 mm
Weight	1500 g
Button	1 x Power On/Off 1 x Volume + 1 x Volume - 1 x Home 1 x Scanning
Sensor	G-sensor
Battery	1000mAh/7.4V (Built-in); 6300mAh/7.4V (Removable)
Using Time	9 hrs (Default 50% Volume, 200 nits, Play 1080 HD Video)
Power Adapter	19 V/3.42 A
Communication	WLAN - 802.11 a/b/g/n/ac, 2.4GHz/5.8GHz WWAN - 4G Bluetooth 5.0 GNSS - GPS, Glonass
Data Collection	NFC Barcode Scanner
Standard Accessory	1 x Hand Strap 1 x Power Cable

### Environment

IP Rating	IP65
Drop Test	1.22 m
Certification	MIL-STD-810G
Operating Temperature	-20°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Relative Humidity	95% (non-condensing)
Warranty	2 Years

### Overview

