WAM Series

WAM1207

MACTRON GROUP ®

12" Panel Mount Touch Panel PC (Windows)

IP65   **Fanless**   **XGA** TFT LCD   **PCAP**   **Panel Mount**

- 4:3 Ratio with 12" True-Flat PCAP touch
- Intel Core i5-10210U Processor
- Aluminum Alloy Housing
- Fanless & Front Panel IP65
- Support Phoenix type connector for DC power input
- Supports panel mount, wall mount, VESA, and desktop stand

Production Line / HMI Controller / Machine Vision / IIoT Gateway / Building Automation

Specification

WAM1207

Display

Display Type	12" TFT LCD
Resolution	1024 x 768
Brightness	300 nits (Optional to 1000 nits)
Touch Panel	10 Points Multiple PCAP touch (Optional Resistive Touch)
Aspect Ratio	4:3

Main System

CPU	Intel Core i5-10210U Processor (Optional Core i7/i3, Celeron J4125)
GPU	Intel® HD Graphics Engine
Memory	8GB
Storage	256GB
Expansion	1x Full-size Mini-PCIe Socket
	1x M.2 Key M 2280 Socket
OS Support	Windows 10 Pro, Windows 10 IoT, Windows 11, Linux
Function Support	Bluetooth 4.0
	WiFi 802.11 a/b/g/n/ac 2.4G (External Antenna)
	RTC
	Time Switch
IO Ports	1 x Phoenix type connector (2-pin)
	1 x DC-in
	2 x USB2.0
	2 x USB3.0
	2 x RJ-45 (Support Wake-on-LAN)
	1 x HDMI
	1 x SIM card slot
	1 x DB15 (VGA)
	1 x Audio (Line-out)
	2 x DB9 (RS232)
	1 x Power Button

Physical

Intermal Speaker	2 x 2W
Power Input	DC 12-36V
Power Adapter	DC 24V/4A
Mounting	Panel Mount, VESA 75 x 75 mm & 100 x 100 mm, Wall mount, Desktop stand
Housing	Aluminum Alloy Housing
Standard Accessory	Power Adapter
	Clamp Mount Kit
Product Dimension	312.3 x 250.8 x 62 mm
Product Weight	3.5 kg

Environment

Rugged Feature	Front IP65
Certification	CE, FCC Class B
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Relative humidity	95% RH non-condensing

Overview

Unit : mm

GND   COM2   WIFI

POWER   USB 2.0   LAN   HDMI   VGA   COM1

Phoenix Terminal   DC IN   USB 3.0   SIM   Audio I/O

312.3
248.9
250.8
187.4

62
28
8
4.5

298.3
209
75
100
163.9
236.8
75
100