WAM Series
WAM2157

MACTRON GROUP®

21.5" Panel Mount Touch Panel PC (Windows)

| IP65 | Fanless | **FullHD** TFT LCD | PCAP | Panel Mount |

- 16:9 Ratio with 21.5" 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

WAM2157

Display

Display Type	21.5" TFT LCD
Resolution	1920 × 1080
Brightness	300 nits (Optional to 1000 nits)
Touch Panel	10 Points Multiple PCAP touch (Optional Resistive Touch)
Aspect Ratio	16:9

Main System

CPU	Intel Core i5-10210U Processor (Optional Celeron J1900)
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	WiFi 802.11 a/b/g/n/ac 2.4G (External Antenna)
	RTC
	Time Switch
IO Ports	1 x Phoenix type connector
	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 Line-out
	2 x DB9 (RS232)
	1 x Power Button

Physical

Intermal Speaker	2 x 2W
Power Input	DC 12-36V
Power Adapter	DC 12V/5A
Mounting	Panel Mount, VESA 75 x 75 mm & 100 x 100 mm, Wall mount, Desktop stand
Housing	Aluminum Alloy Housing
Packing List	Power Adapter
	Clamp Mount Kit
Product Dimension	537.4 x 328.8 x 64.5 mm
Product Weight	6.4 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   WIFI

Phoenix Terminal — DC-IN — LAN — HDMI — Audio — COM1 — COM2

USB 2.0   USB 3.0   SIM   VGA

537.4
476.64
328.8
268.11

64.5
30.5
8
4.5

520.2
335
75
100
75
100
75
216.7
311.6

FC C€ RoHS