WAP Series
WAP1010

MACTRON GROUP ®

10.1" Fanless Stainless Windows Touch Panel PC
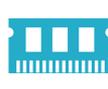
WIFI **Bluetooth** **TPM2.0** **DDR4** **IP65** **Fanless** **M12 Connector** **Wide Voltage**

- 10.1-inch Windows Touch Panel PC with Intel® Celeron® J6412 Processor
- Projective Capacitive Touch Screen Full Flat Design
- Stainless Steel Housing with Front IP65/ Rear IP54 Design
- 1 x LAN, 2 x USB, 1 x COM by M12 Connector with waterproof cover and chain
- Flexible installation with wall, stand, and VESA mounting options
- Wide-ranged voltage DC In 12V~24V

Food Processing **Pharmaceutical Manufacturing** **Cleanroom Application** **Chemical Environment** **Animal Feed Production**

Specification

WAP1010

Display

Display Type	10.1" WXGA 16:10 LCD
Resolution	1280 x 800
Brightness	500 nits
Contrast Ratio	800
Viewing Angle	-89° ~ 89° (H) ; -89° ~ 89° (V)
Response Time	29 ms
Touch Type	10 Points Projective Capacitive Multi-Touchscreen

System

CPU	Intel® Celeron® J6412 Processor (1.5M Cache, up to 2.60 GHz)
GPU	Intel® UHD Graphics
Memory	1 x 260-pin DDR4 3200MHz SO-DIMM Socket, 8GB, Up to 32GB Max.
Storage	128GB SSD (Optional 256GB/512GB/1TB)
OS Support	Windows 10/11, Ubuntu LTS
LAN Controller	2 x Intel® I210AT (Co-lay I210IT/I211AT) Gigabit Ethernet
Wireless	WiFi with waterproof Antenna (Optional)
	BT (Optional)
TPM	TPM 2.0
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec and 1sec. or 1min./step
H/W Monitor	Monitoring CPU & System Temperature and Voltage
Expansion	1 x M.2 Type E 2230 supports WiFi module (PCIe x1 & USB 2.0 Signal)
	1 x M.2 Type B 3042/2242 support WWAN+GNSS or SSD) (SATA and USB 3.0/USB 2.0 signal)
	1 x M.2 Type M supports 2260 slot
IO Ports	2 x USB 2.0 with waterproof cover and chain
	2 x M12 4-pin(D-coded female) for LAN with water-proof cover and chain
	1 x M12 8-pin (male) COM1(RS-232) with waterproof cover and chain
	1 x M12 DC-In Connector
	1 x Power Switch on the back

Physical

Construction	Front: Sheet metal, SECC + black painting, matt finish
	Rear: Sheet metal, SECC + black painting, matt finish
CPU Cooler (Type)	Fanless heatsink
Mounting	Wall / Stand / VESA 100mm x 100mm
Power Mode	ATX
Power Connector	M12 Connector
Power Input	DC 12-24V
Power Adapter	DC 24V/2.5A, 60W

Packing List

Standard Accessory	1 x Power Adapter (24V/2.5A)
	Waterproof M12 DC Cable
Product Dimension	295.4 x 213.4 X48 mm
Product Weight	3.5Kg

Environment

IP Rating	Front IP65 / Rear IP54
Certification	CE / FCC Class A
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	0°C ~ 60°C (32°F ~ 140°F)
Relative humidity	10% to 85%, non condensing

Overview
Unit : mm

LAN

Power Button · USB · COM · DC-IN

295.4 ± 0.5

48±0.5 · 213.4 ± 0.5

97.7 · 100±0.25 · 4-M4-VESA

100±0.25

56.7 · 29.7

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