

WAP Series

# WAP2157



## 21.5" Fanless Full IP66/IP69K Stainless Windows Touch Panel PC



WIFI



Bluetooth



TPM 2.0



DDR5



IP66/69K



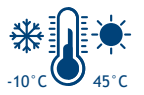
Fanless



M12 Connector



Wide Voltage



Wide Temperature



- 21.5-inch Windows Touch Panel PC with Intel Core™ Processor
- Projective Capacitive Touch Screen Full Flat Design
- Stainless Steel Housing with All-around IP66 & IP69K Design
- Rich and swappable I/O, 1 x LAN, 2 x USB, 1 x COM by M12 Connector with waterproof cover and chain
- Flexible installation with Yoke, Stand, and VESA mounting options
- Wide-ranged voltage DC In 19V-24V



Food  
Processing



Pharmaceutical  
Manufacturing



Cleanroom  
Application



Chemical  
Environment



Animal Feed  
Production

# Specification

## WAP2157

### Display

Display Type	21.5" Full HD 16:9 LCD (LED)
Resolution	1920 x 1080
Brightness	250 nits
Contrast Ratio	1000
Viewing Angle	-89° ~ 89° (H) ; -89° ~ 89° (V)
Response Time	22 ms
Touch Type	10 Points Projective Capacitive Multi-Touchscreen

### System

CPU	Intel® 13th Gen Raptor Lake-PS Core™ 5 Processor 120UL (15W, 2P+4E) Intel® 13th Gen Raptor Lake-PS Core™ 3 Processor 100UL(15W, 2P+4E)"
GPU	Intel® Graphics
Memory	1x 262-pin DDR5 5200MHz SO-DIMM socket, 8GB, supports up to 32GB
Storage	128GB SSD (Optional 256GB/512GB)
OS Support	Windows 10/11, Ubuntu LTS
LAN Controller	Intel I225LM Gigabit Ethernet Controller
Audio Controller	Realtek ALC888S
Wireless	Intel® Wi-Fi 6E AX210 Module (Optional)
TPM	TPM 2.0
Watchdog Timer	H/W reset, 1sec. ~ 65535sec./1sec.step
H/W Monitor	Monitoring CPU & System Temperature and Voltage
Expansion	1 x M.2 Key B 3042/3052/2280 with 1 x PCI-e x2 & 1 x USB 3.0/2.0 signal 1 x M.2 Key E 2230 support WiFi module
IO Ports	2 x M12 8-pin (male) for 2 x USB 2.0 with waterproof cover and chain 1 x M12 8-pin (male) for LAN with waterproof cover and chain 1 x M12 8-pin (male) for COM (RS-232/422/485) with waterproof cover and chain 1 x M12 DC-In Connector

### Physical

Construction	Stainless Steel SUS304 (Optional SUS316 with MOQ)
CPU Cooler (Type)	Fanless heatsink
Mounting	Wall / Stand / VESA 75mm x 75mm, 100mm x 100mm
Power Mode	AT/ATX (ATX is default)
Power Connector	M12 Connector
Power Input	DC 19-24V
Power Adapter	DC 24V/3.75A, 90W

### Packing List

Standard Accessory	1 x Power Adapter (24V/3.75A)
Product Dimension	562 x 365.8 x 49 mm
Product Weight	12.2 Kg
Box Dimension	732 x 560 x 142 mm
Box Weight	13.1 kg

### Environment

IP Rating	Whole system IP69K, IP66
Certification	CE / FCC Class A
Operating Temperature	-10°C ~ 45°C (14°F ~ 113°F), by air-flow = 0.5
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Relative humidity	40°C @ 95% Relative humidity, non-condensing

### Overview

Unit : mm

