

WAP Series

# WAP1507



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



WIFI



Bluetooth



TPM 2.0



DDR5



IP66/69K



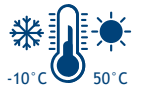
Fanless



M12 Connector



Wide Voltage



Wide Temperature



- 15-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 wall, stand, and VESA mounting options
- Wide-ranged voltage DC In 19V-24V



Food  
Processing



Pharmaceutical  
Manufacturing



Cleanroom  
Application



Chemical  
Environment



Animal Feed  
Production

## Specification

## WAP1507

## Display

|                |                                                   |
|----------------|---------------------------------------------------|
| Display Type   | 15" XGA 4:3 LCD (LED)                             |
| Resolution     | 1024 x 768                                        |
| Brightness     | 300 nits                                          |
| Contrast Ratio | 2000                                              |
| Viewing Angle  | -88° ~ 88° (H) ; -88° ~ 88° (V)                   |
| Response Time  | 16 ms                                             |
| Touch Type     | 10 Points Projective Capacitive Multi-Touchscreen |

## System

|                  |                                                                                                                                                                                                                                                  |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU              | Intel® 13th Gen Raptor Lake-PS Core™ 5 Processor 120UL (15W, 2P+4E)<br>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<br>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<br>1 x M12 8-pin (male) for LAN with waterproof cover and chain<br>1 x M12 8-pin (male) for COM (RS-232/422/485) with waterproof cover and chain<br>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  | 393 x 315.8 x 49 mm           |
| Product Weight     | 7.9 Kg                        |
| Box Dimension      | 595 x 535 x 125 mm            |
| Box Weight         | 8.3 Kg                        |

## Environment

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| IP Rating             | Whole system IP69K, IP66                          |
| Certification         | CE / FCC Class A                                  |
| Operating Temperature | -10°C ~ 50°C (14°F ~ 122°F),<br>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

