

## iniPC-P-I-12

The whole machine adopts pure plane frame, aluminum alloy structure, no fan completely closed design. Support desktop, wall mounted, embedded, cantilever, boom and other installation modes, widely used in industrial control, military, communications, electric power, network and other automation fields.

### Features

- 3mm Super Thin Front Bezel, Best for Embedded Cabinet.
- Aluminum alloy enclosure, panel mount/VESA mount
- IP65 protected flat front panel
- Fanless, excellent heat dissipation design
- Self-developed industrial motherboard
- Intel Core i3/i5/i7 12th generation CPU
- High compatibility with 99% of industry software



### Model

|                  |                |
|------------------|----------------|
| Product Size     | 12"            |
| Non-touch        | iniPC-P-I-12   |
| Capacitive touch | iniPC-P-I-12-C |
| Resistive touch  | iniPC-P-I-12-R |

### Interface



### Specification

#### Screen Parameter

|                    |                       |
|--------------------|-----------------------|
| Display type       | 12" TFT LCD screen    |
| MAX_resolution     | 1024*768 (4:3)        |
| Viewing angle(H/V) | 85/85/85/85 (L/R/U/D) |
| Luminance (cd/m²)  | 500 cd/m²             |
| Contrast ratio     | 1000:1                |

#### Touch Parameter

| Touchscreen        | Projection capacitive touch 10-point multi touch | Resistive touch single point | Non-touch |
|--------------------|--------------------------------------------------|------------------------------|-----------|
| Light transmission | ≥88%                                             | ≥78%                         | ≥92%      |
| Controller         | USB ( COM customized)                            | USB ( COM customized)        | /         |

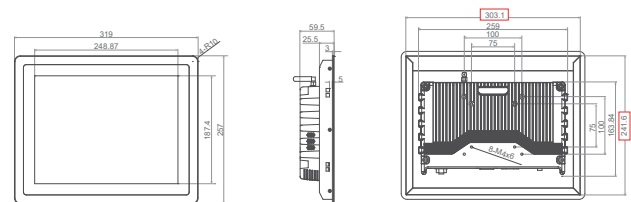
#### Configuration

|                     |                                                |                     |                       |
|---------------------|------------------------------------------------|---------------------|-----------------------|
| CPU                 | Intel Core i3/i5/i7-12th generation            | Bluetooth           | Bluetooth 4.0         |
| Integrated Graphics | Intel Graphics                                 | Wi-Fi               | Dual Band 2.4GHz+5GHz |
| Memory/RAM          | 8GB (Supports up to 32GB)                      | Watchdog Timer      | Support               |
| Storage             | 256GB SSD (Optional 128GB/512GB/1T/2T/4T etc.) | RTC real time clock | Support               |
| Operating system    | WIN10/11, Ubuntu/Redhat/Debian/Linux-Mint      | Timer switch        | Support               |

#### Power Parameter

|             |            |               |        |
|-------------|------------|---------------|--------|
| Power input | DC 12V-36V | Power adapter | 24V/5A |
|-------------|------------|---------------|--------|

### Dimension



#### Physical Characteristic

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| Overall dimensions | W319x H257x D59.5mm                                                                                          |
| Installation size  | W305.1 x H243.6mm                                                                                            |
| Color              | Black, optional silve                                                                                        |
| Installation       | Supports Panel-mount/Wall-embedded/Wall-mounted/Desktop/Folding mounting/VESA mount/Suspended mounting, etc. |

#### Interface Parameter

|                  |                                                           |
|------------------|-----------------------------------------------------------|
| PowerSW          | 1*PowerSW                                                 |
| Power interface  | 1*Threaded DC port (Diameter: 5.5*2.5mm)                  |
| Phoenix terminal | 1*12P Phoenix terminal (DC*1+232*1+485*1+GPIO*5)          |
| USB              | 2*USB2.0, 2*USB3.0                                        |
| Ethernet         | 2*LAN, 10M/100M/1000M adaptive Ethernet, 3G/4G customized |
| HDMI             | 1*HDMI output, up to 4K                                   |
| SIM              | 1*SIM card slot (should be work with 3G/4G module)        |
| VGA              | 1*VGA                                                     |
| Audio            | 1*Audio I/O, support audio input and output               |
| Wi-Fi antenna    | 2*Wi-Fi antenna                                           |
| Speaker          | 2*(8Ω2W)                                                  |
| Serial port      | 1*COM (The default is RS232, optional RS485/RS422)        |
| Grounding        | 1*GND                                                     |

#### Reliability Parameter

|                       |                                           |
|-----------------------|-------------------------------------------|
| Operating temperature | -10°C~60°C (-20°C~70°C can be customized) |
| Storage temperature   | -20°C~70°C                                |
| Relative humidity     | 95% non-condensing                        |