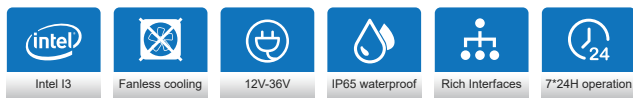


The whole piece adopts ultra-thin frame, all aluminum alloy structure, fanless and fully enclosed design, It is more suitable for embedded installation to meet the needs of different devices in different environments. Widely used in industrial control, military, communications, electric power, and other high-end fields.

## Features

- 3mm Super Thin Front Bezel, Best for Embedded Cabinet.
- High precision die-casting aluminum molding, pure plane wire drawing.
- process design, dustproof and waterproof.
- Self-developed fanless X86 architecture industrial motherboard
- Conform to EMC anti electromagnetic interference standard.
- Industrial protection, applicable to various harsh environments.
- Equipped with dual networks, supporting 12-36V wide voltage power supply;
- Rich interfaces and strong extensibili.



## Product Model

|                  |       |
|------------------|-------|
| Product Size     | 13.3" |
| Non-touch        |       |
| Capacitive touch |       |
| Resistive touch  |       |

## Product Interface



## Product Specifications

### Screen Parameters

|                |                       |
|----------------|-----------------------|
| LCD Size       | 13.3" TFT LCD         |
| Resolution     | 1920×1080             |
| Viewing Angle  | 85/85/85/85 (L/R/U/D) |
| Colour         | 16.7M                 |
| Brightness     | 220 cd/m <sup>2</sup> |
| Contrast ratio | 1000:1                |

### Touch Parameters

|                          |                                                      |                                         |           |
|--------------------------|------------------------------------------------------|-----------------------------------------|-----------|
| Touch type               | 10-point touch projection<br>Capacitive touch screen | Single-point<br>Resistance touch screen | Non-touch |
| Transmittance            | ≥88%                                                 | ≥78%                                    | ≥92%      |
| Input mode               | Handwriting or<br>Capacitance pen                    | Fingertip or stylus                     | /         |
| Controller communication | USB                                                  | USB                                     | /         |

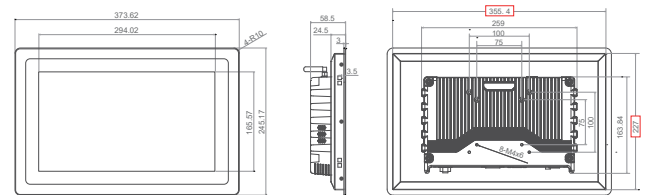
### Hardware Configuration

|                     |                                               |                              |                               |
|---------------------|-----------------------------------------------|------------------------------|-------------------------------|
| CPU                 | I3-6100U                                      | I3-8145U                     | I3-10110U                     |
| CPU frequency       | 2.3GHz                                        | 2.1GHz                       | 2.1GHz                        |
| Integrated graphics | Inte HD Graphic 520                           | Inte HD Graphic 620          | Intel UHD Graphic 620         |
| RAM                 | 4G DDR4(Optional 8G/16G/32G)                  | 4G DDR4(Optional 8G/16G/32G) | 8G DDR4(Optional 16G/32G/64G) |
| Storage             | 128G SSD(256G/512G SSD, 1T/2T HDD Optional)   |                              |                               |
| WiFi                | Dual band 2.4G&5G                             |                              |                               |
| Bluetooth           | BT4.0(Optional)                               |                              |                               |
| Operating system    | Win7/10/11, Ubuntu/Centos/Redhat/Debian/Linux |                              |                               |
| Other support       | Support RTC real-time clock and timing switch |                              |                               |

### Power parameters

|               |            |              |     |
|---------------|------------|--------------|-----|
| Input voltage | DC 12V~36V | Static Power | 18W |
|---------------|------------|--------------|-----|

## Product size



### Physical Characteristics

|                    |                           |
|--------------------|---------------------------|
| Overall dimensions | W373.62x H245.17x D58.5mm |
| Size of opening    | W357.4 x H229mm           |

### Interface

|                  |                                                               |
|------------------|---------------------------------------------------------------|
| Power interface1 | 1*DC 2.5, Supporting 12V-36V power input                      |
| Power interface2 | 1*Industrial terminal, Supporting 12V-36V power input         |
| HDMI             | 1*HDMI, Supporting HDMI data output, Up to 4K                 |
| USB              | 2*USB 2.0 2*USB 3.0                                           |
| LAN              | 2*LAN, Dual 1000M adaptive Ethernet                           |
| AUDIO            | 1*Audio Out, Support audio output                             |
| SIM              | 1*SIM, Supporting various formats (Depending on 3G/4G module) |
| VGA              | 1*VGA                                                         |
| COM              | 2*RS232                                                       |
| WiFi antenna     | 2*WiFi antenna                                                |
| POWER            | Support (1*POWER)                                             |
| Grounding post   | 1*Grounding post (GND)                                        |

### Product Reliability

|                      |                                               |
|----------------------|-----------------------------------------------|
| Working Temperature  | -10°C to 60°C                                 |
| Storage temperature  | -20°C to 70°C                                 |
| Relative humidity    | Humidity: 95% Non-Condensing                  |
| Vibration protection | IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis |
| Impact protection    | IEC 60068-2-27, half sine wave, duration 11ms |
| Authentication       | CCC/CE/FCC/EMC/CB/ROHS                        |
| Waterproof           | Front panel reaches IP65 protection level     |