

## Panel PC

## VESA Fixing

## Intel CORE i5

The overall feature of this product is "industrial quality, modern design", which not only conforms to industrial standards, but also adopts industrial aesthetic design, making the overall shape more simple and smooth. 10.1~21.5 inches can be selected to meet the actual use needs of different products under different environments.



Specific design for VESA fixing diversified installation methods: cantilever arm, boom type and embedded installation. The fuselage is made of aluminum alloy, which is not only suitable for humid, dust, electromagnetic interference and static environment in factories, but also can operate in outdoor high and low temperature, dust, exposure to sunlight, vibration and other environments.

### Features >>

- Modern aesthetic design, fashionable and simple appearance, independent mold opening.
- Self developed fanless, high-performance, low-power industrial motherboard.
- High speed storage scheme with excellent computing power.
- High precision die-casting aluminum molding, efficient heat dissipation process
- Industrial quality, stable system operation.
- Equipped with dual networks and rich expandable interfaces.
- Support 12-36V wide voltage power supply.
- VESA fixing



### Product Model >>

| LCD size | Reference   | Resolution | Screen Scale | Brightness           | Contrast ratio | Viewing Angle         | Back Cover Style  |
|----------|-------------|------------|--------------|----------------------|----------------|-----------------------|---|
| 10.1"    | GPC-AMB-101 | 1280*800   | 16:10        | 300cd/m <sup>2</sup> | 600:1          | 85/85/85/85 (L/R/U/D) | <br>(10.1-12 inch middle back cover) |
| 10.4"    | GPC-AMB-104 | 1024*768   | 4:3          | 300cd/m <sup>2</sup> | 800:1          | 75/75/70/75 (L/R/U/D) |   |
| 11.6"    | GPC-AMB-116 | 1920*1080  | 16:9         | 300cd/m <sup>2</sup> | 800:1          | 85/85/85/85 (L/R/U/D) |   |
| 12"      | GPC-AMB-120 | 1024*768   | 4:3          | 300cd/m <sup>2</sup> | 800:1          | 85/85/85/85 (L/R/U/D) |   |
| 15.6"    | GPC-AMB-156 | 1920*1080  | 16:9         | 300cd/m <sup>2</sup> | 800:1          | 85/85/85/85 (L/R/U/D) | <br>(15-21.5 inch large back cover)  |
| 15"      | GPC-AMB-150 | 1024*768   | 4:3          | 300cd/m <sup>2</sup> | 700:1          | 80/80/70/70 (L/R/U/D) |   |
| 17"      | GPC-AMB-170 | 1280*1024  | 5:4          | 300cd/m <sup>2</sup> | 1000:1         | 80/80/80/70 (L/R/U/D) |   |
| 17.3"    | GPC-AMB-173 | 1920*1080  | 16:9         | 300cd/m <sup>2</sup> | 600:1          | 80/80/60/80 (L/R/U/D) |   |
| 18.5"    | GPC-AMB-185 | 1920*1080  | 16:9         | 300cd/m <sup>2</sup> | 600:1          | 75/75/70/75 (L/R/U/D) |   |
| 19"      | GPC-AMB-190 | 1280*1024  | 5:4          | 300cd/m <sup>2</sup> | 1000:1         | 75/75/70/75 (L/R/U/D) |   |
| 19.1"    | GPC-AMB-191 | 1440*900   | 16:10        | 300cd/m <sup>2</sup> | 1000:1         | 85/85/80/80 (L/R/U/D) |   |
| 21.5"    | GPC-AMB-215 | 1920*1080  | 16:9         | 300cd/m <sup>2</sup> | 1000:1         | 89/89/89/89 (L/R/U/D) |   |

### Product Installation >>



Desktop installation



Cantilever installation



Boom type installation

## Product Specifications >>

### Hardware Configuration

|                     |                              |                             |                             |                              |
|---------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|
| CPU                 | Intel Core I5-6200U          | Intel Core I5-7200U         | Intel Core I5-8265U         | Intel Core I5-10210U         |
| CPU frequency       | 2.3GHz                       | 2.5GHz                      | 1.6GHz                      | 1.6GHz                       |
| Integrated graphics | Intel HD Graphics 520        | Intel HD Graphics 620       | Intel Ultra HD Graphics 620 | Intel UHD 620 Graphics       |
| RAM                 | 4G DDR4 (Optional 8/16/32G)  | 4G DDR4 (Optional 8/16/32G) | 4G DDR4 (Optional 8/16/32G) | 8G DDR4 (Optional 16/32/64G) |
| Storage             | 128G SSD (Optional 256/512G) |                             |                             |                              |
| System              | Windows 7/10/11; Linux       |                             |                             |                              |
| WIFI                | 2.4GHz / 5GHz dual bands     |                             |                             |                              |
| Bluetooth           | BT4.2                        |                             |                             |                              |

### Touch Screen

|                  |  |
|------------------|--|
| Capacitive Touch | Type of touch screen: projection capacitive touch screen<br>Resolution: 500DPI<br>Input mode: handwriting or capacitive pen<br>Surface hardness: Mohs hardness 7H (according to ATSM D3363 standard)<br>Touch times: ≥50 million times |
| Resistive Touch  | Touch screen type: single point resistive touch screen<br>Light transmittance: ≥ 78%<br>Input mode: Fingertip or stylus<br>Controller communication: USB   |

### Environmental

|                     |                              |
|---------------------|------------------------------|
| Working Temperature | -10 °C ~ 60 °C               |
| Storage Temperature | -20 °C ~ 70 °C               |
| Operating Humidity  | Humidity: 95% Non-Condensing |

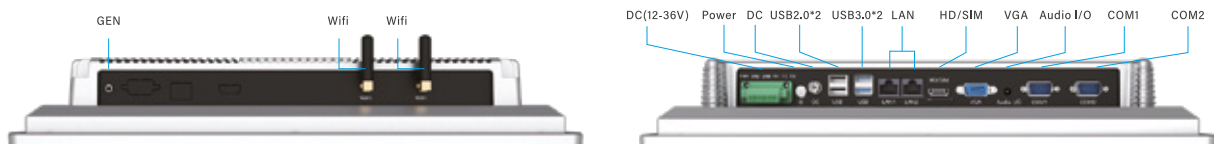
### Other

|                     |  |
|---------------------|--|
| Power Input         | AC 100-240V 50/60Hz passed CE certification                                    |
| Voltage Input       | DC 12V ~ 36V   |
| Static Power        | 18W  |
| Fuselage Properties | Body material: aluminum alloy, Body color: technical silver, classic gun black |
| Warranty Policy     | One year free, extendable to 2 or 3 years on request                           |
| Installation Method | VESA 75/100 fixing for cantilever arm, boom type and embedded installation     |

### I/O Interface

|                     |  |
|---------------------|--|
| DC                  | 1x screw connector jack 2.5 mm (12-36Vdc)  |
| USB                 | 2x USB 3.0, 2x USB 2.0   |
| LAN                 | 2x LAN, 10M/100M/1000M adaptive Ethernet   |
| HDMI                | 1x HDMI, support HDMI data output, maximum support 1080P   |
| SMI Card            | 1x SIM, SIM card interface standard interface supports various formats (depending on 3G / 4G module) |
| VGA                 | 1x VGA   |
| AUDIO               | 1x Audio I/O, support audio input and output   |
| RS232               | 2x RS232 (Optional: RS485, RS422)  |
| Industrial terminal | 1x Industrial terminal   |
| OTHERS              | 1x Power, 1x GEN, 2x WIFI  |

## Interface Distribution >>



Only the 15 inch interface is displayed. Please refer to the actual object for details.  
\* All specifications and photos are subject to change without notice.