

## ViPAC-921P/R/G(H)

21.5" Intel 6th/7th Core i3/i5/i7 Panel PC

Industrial Panel PC

HMI Controller

Industrial Display Monitor

Box PC



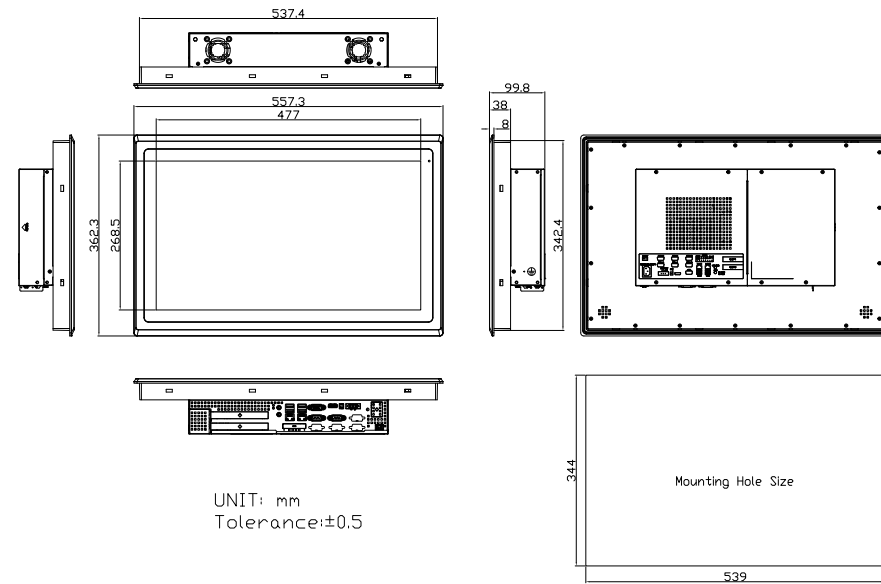
### Features

- 21.5" TFT LCD Panel PC
- Intel 6th/7th Core i3/i5/i7 Socket type Processor
- Modular concept and with Fan Design
- Support PCT/RTW/AR Glass
- Front Bezel IP66
- Option WiFi/BT/Speaker
- Support 2 x Expansion slot
- DC 9~36V Power input, option AC power input

### Specifications

| System                         |   |
|--------------------------------|---|
| CPU                            | Intel 6th/7th Gen Core i3/i5/i7 processor   |
| System Chipset                 | Intel H170  |
| Memory                         | 2 x 260-pin SO-DIMM up to 32GB DDR4 2133 MHz SDRAM  |
| IO Port                        |   |
|                                | 4 x USB3.0 type A<br>2 x RJ45 GbE LAN<br>1 x DB9 RS-232/422/485 default RS-232<br>1 x DB9 RS-232<br>1 x DB9 RS-422/485 default RS-485<br>1 x DB15 VGA<br>1 x HDMI with Cover<br>1 x Line-out/Mic-in<br>1 x 2pin Terminal block for external power switch<br>2 x LED indication for HDD/System<br>1 x System LED indication at front<br>1 x 3pin TB Power connector<br>1 x Power Switch on/off |
| Rear side I/O port             |   |
| Option I/O                     | 2 x 2W speaker at rear side<br>4 x USB 2.0 Type A via TB-546<br>2 x DB9 COM port<br>1 x 8-bit GPIO (3 in/out/VCC/GND)   |
| Storage Space                  |   |
| HDD                            | 2 x 2.5" SATA HDD space, support RAID 0, 1, 5 (Easily Accessible storage design)  |
| Expansion                      |   |
| Expansion Slot                 | 1 x Full-size Mini PCIe on board (PCIe/USB/SATA, SATA by default)<br>1 x Half-size Mini PCIe on board (PCIe/USB, PCIe by default)<br>1 x SIM slot for option (Option wifi/BT/4G and antenna at rear side)<br>1 x PCIe x1 and 1 x PCIe x16 slot via TB-560E11E161 (default)  |
| Display                        |   |
|                                | <b>Standard</b> <b>High Brightness Optional</b>   |
| Display Type                   | 21.5" TFT-LCD                      21.5" TFT-LCD  |
| Max. Resolution                | 1920 x 1080                      1920 x 1080  |
| Max. Color                     | 16.7M                      16.7M  |
| Luminance (cd/m <sup>2</sup> ) | 250                      1000   |
| View Angle                     | 178(H) / 178(V)                      178(H) / 178(V)  |
| Contrast                       | 3000:1                      3000:1  |
| Backlight Lifetime             | 30,000 hrs                      50,000 hrs  |
| Option                         | Auto Dimming                      Auto Dimming  |
| Touch Screen                   |   |
|                                | <b>Resistive Touch</b> <b>Projected Capacitive Touch</b>  |
| Interface                      | USB                      USB  |
| Light Transmission(%)          | Over 80%                      Over 90%  |
| Power                          |   |
| Power Input                    | DC 9~36V Power input, option AC power input   |

### Dimensions



| Mechanical                |   |
|---------------------------|---|
| Construction              | Aluminum die-casting front bezel and steel chssis Stainless front bezel (option)  |
| Mounting                  | Panel Mount   |
| IP Rating                 | Front Panel IP66  |
| Dimensions                | 557.3 x 362.3 x 99.8 mm   |
| Net Weight                | 8.7 kg  |
| Environmental             |   |
| Operating Temperature     | 0~50°C  |
| Storage Temperature       | -30~70°C  |
| Humidity                  | 10 to 95% @ 40°C, non- condensing   |
| Certificate               | CE / FCC Class A  |
| Operating System Support  |   |
| Windows embedded 7        |   |
| Windows embedded 8.1      |   |
| Windows 10 IoT Enterprise |   |
| Ordering Information      |   |
| ViPAC-921R                | 21.5" FHD Intel Core 6th Core i processor with H170 chipset, with Fan design panel PC, 2 x 260pin DDR4 SO-DIMM slot, 2 x 2.5" HDD/SSD space, 1 x PCIe x1 and 1 x PCIe x16 slot, resistive touch window, 9~36VDC power input with adaptor, Alu. die-casting front bezel.     |
| ViPAC-921P                | 21.5" FHD Intel Core 6th Core i processor with H170 chipset, with Fan design panel PC, 2 x 260pin DDR4 SO-DIMM slot, 2 x 2.5" HDD/SSD space, 1 x PCIe x1 and 1 x PCIe x16 slot, projected capacitive touch, 9~36VDC power input with adaptor, Alu. die-casting front bezel. |

## Assured Systems

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### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660