

## ViPAC-816P/R/G(H)

15.6" Intel Celeron N2930 Fanless Expandable Panel PC

Industrial Panel PC

HMI Controller

Industrial  
Display Monitor

Box PC



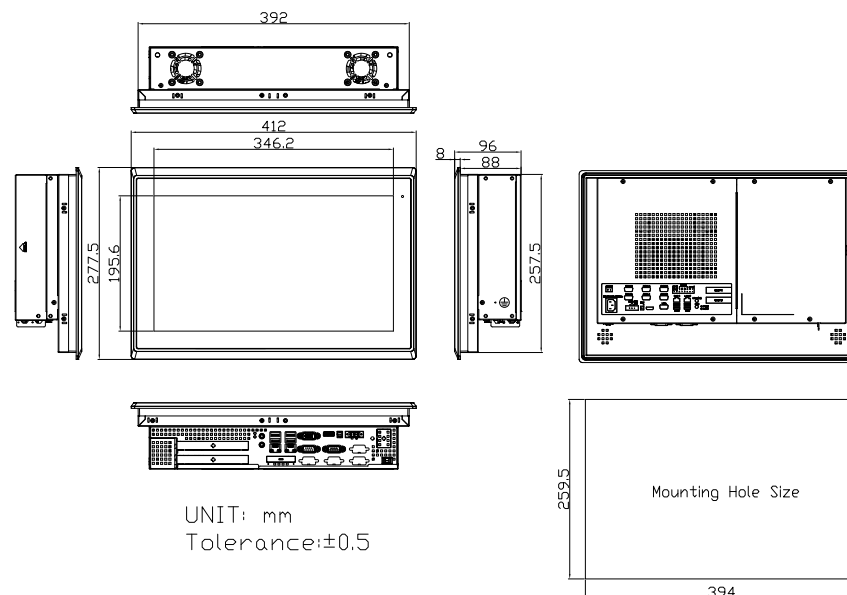
### Features

- 15.6" TFT LCD Panel PC
- Intel Celeron N2930 Processor
- Modular Concept and Fanless 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                            | Onboard Intel Celeron N2930 Processor (2M Cache,1.83GHz)                                                              |                            |
| System Chipset                 | SoC                                                                                                                   |                            |
| Memory                         | 2 x 204-pin DDR3L SO-DIMM slot up to 8GB                                                                              |                            |
| IO Port                        |                                                                                                                       |                            |
| Rear side I/O port             | 4 x USB 3.0 type A                                                                                                    |                            |
|                                | 2 x RJ45 GbE LAN                                                                                                      |                            |
|                                | 1 x DB9 RS-232/422/485 default RS-232                                                                                 |                            |
|                                | 1 x DB9 RS-232                                                                                                        |                            |
|                                | 1 x DB9 RS-422/485 default RS-485                                                                                     |                            |
|                                | 1 x DB15 VGA                                                                                                          |                            |
|                                | 1 x HDMI with Cover                                                                                                   |                            |
|                                | 1 x Line-out/Mic-in                                                                                                   |                            |
|                                | 1 x 2 pin Terminal block for external power switch                                                                    |                            |
|                                | 2 x LED indication for HDD/System                                                                                     |                            |
|                                | 1 x System LED indication at front                                                                                    |                            |
|                                | 1 x 3 pin TB Power connector                                                                                          |                            |
|                                | 1 x Power Switch on/off                                                                                               |                            |
|                                |                                                                                                                       |                            |
| 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                            | 1 x 2.5" SATA HDD Space (Easy Accessible Storage Design)                                                              |                            |
| Expansion                      |                                                                                                                       |                            |
| Expansion Slot                 | 1 x Full-size Mini PCIe on board (PCIe/USB/SATA, SATA by default)                                                     |                            |
|                                | 1 x Half-size Mini PCIe on board (PCIe/USB, PCIe by default)                                                          |                            |
|                                | 1 x SIM slot for option (Option wifi/BT/4G and antenna at rear side)                                                  |                            |
|                                | 1 x PCI and 1 x PCIe x1 slot via TB-560P1E11 (default)                                                                |                            |
| Display                        | Standard                                                                                                              | High Brightness Optional   |
| Display Type                   | 15.6" TFT-LCD                                                                                                         | 15.6" TFT-LCD              |
| Max. Resolution                | 1366 x 768                                                                                                            | 1366 x 768                 |
|                                | 1920 x 1080(option)                                                                                                   |                            |
| Max. Color                     | 16.7M                                                                                                                 | 16.7M                      |
| Luminance (cd/m <sup>2</sup> ) | 300                                                                                                                   | 1000                       |
| View Angle                     | 160(H) / 160(V)                                                                                                       | 160(H) / 160(V)            |
| Contrast                       | 500:1                                                                                                                 | 500:1                      |
| Backlight Lifetime             | 50,000 hrs                                                                                                            | 50,000 hrs                 |
| Option                         | Auto Dimming                                                                                                          | Auto Dimming               |
| Touch Screen                   |                                                                                                                       |                            |
|                                | Resistive Touch                                                                                                       | Projected Capacitive Touch |
| 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 chassis, Stainless front bezel (option)                                                                                                                                                  |
| Mounting                  | Panel Mount                                                                                                                                                                                                                         |
| IP Rating                 | Front Panel IP66                                                                                                                                                                                                                    |
| Dimensions                | 412 x 277.5 x 96 mm                                                                                                                                                                                                                 |
| Net Weight                | 6.5 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-816R                | 15.6" WXGA Intel Celeron N2930 (1.83.GHz ) CPU, Fanless panel PC, 2 x 204pin DDR3L SO-DIMM slot, 1 x 2.5" HDD/SSD space, 2 x PCIe1 slot, resistive touch window, 9~36VDC power input with adaptor, Alu.die-casting front bezel.     |
| ViPAC-816P                | 15.6" WXGA Intel Celeron N2930 (1.83.GHz ) CPU, Fanless panel PC, 2 x 204pin DDR3L SO-DIMM slot, 1 x 2.5" HDD/SSD space, 2 x PCIe1 slot, projected capacitive touch, 9~36VDC power input with adaptor, Alu.die-casting front bezel. |

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