

ViPAC-821P/R/G(H)

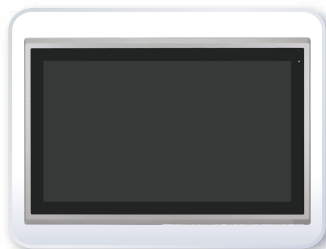
21.5" Intel Celeron N2930 Fanless Expandable Panel PC

Industrial Panel PC

HMI Controller

Industrial
Display Monitor

Box PC



Features

- 21.5" 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
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	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
	2 x 2W speaker at rear side
Option I/O	4 x USB 2.0 Type A via TB-546
	2 x DB9 COM port
	1 x 8-bit GPIO (3 in/out/VCC/GND)

Storage Space	
HDD	1 x 2.5" SATA HDD Space (Easy Accessible Storage Design)

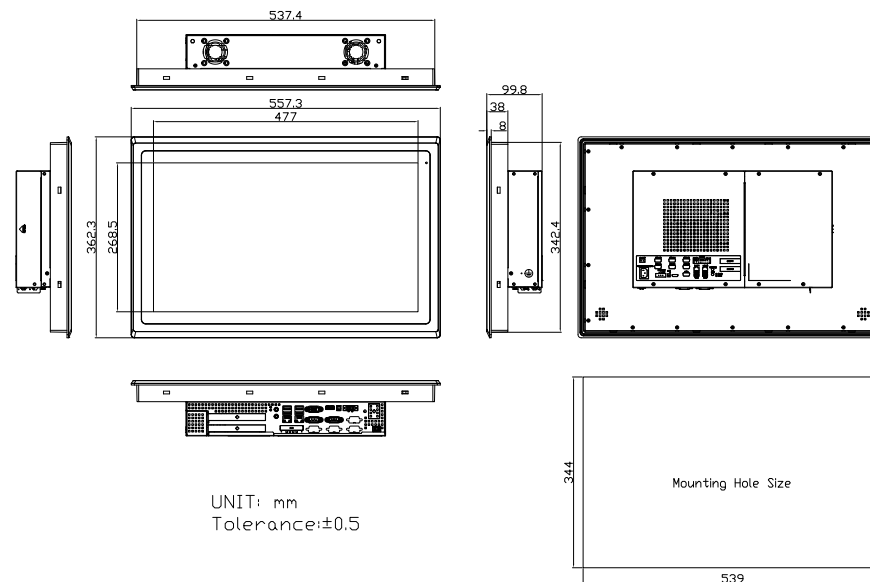
Expansion	
Expansion Slot	1 x Full-size Mini PCIe on board (PCIe/USB/SATA, SATA by default) 1 x Half-size Mini PCIe on board (PCIe/USB, PCIe by default) 1 x SIM slot for option (Option wifi/BT/4G and antenna at rear side) 1 x PCI and 1 x PCIe x1 slot via TB-560P1E11 (default)

Display	Standard	High Brightness Optional
Display Type	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 ²)	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	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	557.3 x 362.3 x 99.8 mm
Net Weight	8.3 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-821R	21.5" FHD 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 PCIe x1 slot, resistive touch window, 9~36VDC power input with adaptor, Alu.die-casting front bezel.
ViPAC-821P	21.5" FHD 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 PCIe x1 slot, projected capacitive touch, 9~36VDC power input with adaptor, Alu.die-casting front bezel.

V 1.3

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Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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