

ViPAC-821P/R/G(H)

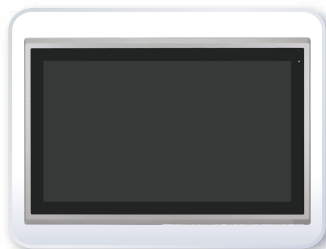
21.5" Intel Celeron N2930 Fanless Expandable Panel PC

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
	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
	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)

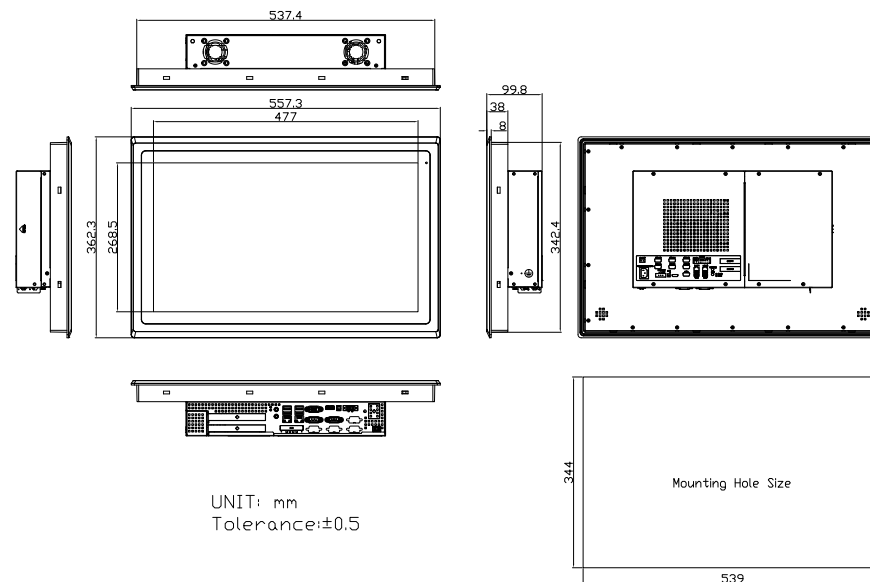
Expansion	
Expansion Slot	1 x Full-size Mini PCIe on board (PCIe/USB/SATA, SATA by default) 1 x Half-size Mini PCIe on board (PCIe/USB, PCIe by default) 1 x SIM slot for option (Option wifi/BT/4G and antenna at rear side) 1 x PCI and 1 x PCIe x1 slot via TB-560P1E11 (default)

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

Industrial Panel PC

All specifications and photos are subject to change without notice.

All specifications and photos are subject to change without notice.

Industrial Panel PC

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.

US

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

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