

ViTAM-821BP/R(H)

21.5" IP66 / IP69K Stainless Steel Panel PC

Industrial Panel PC

HMI Controller

Industrial Display Monitor

Box PC



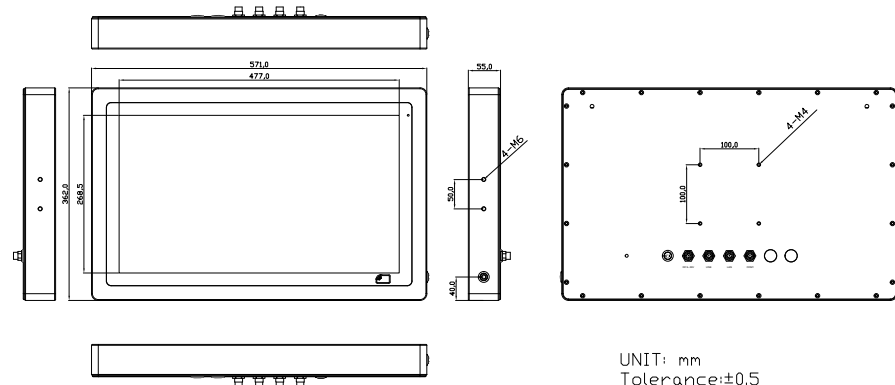
Features

- 21.5" New Generation Stainless Steel Panel PC
- Intel Celeron J6412 2.0GHz Onboard Processor
- True Flat Front Bezel Design and Grade 304 Stainless Steel Enclosure (Grade 316 for option)
- IP66/IP69K Rated with M12 Connectors
- Support Resistive Touch and Projected Capacitive Touch
- Touch on/off Button on the Side Edge for Hygienic Cleaning
- Support Ergonomic Versatile Mounting: Yoke Mounting / Space-saving VESA 100 x 100 mm Mounting

Specifications

System		
CPU	Onboard Intel Celeron J6412(2.0 GHz) Processor	
System Chipset	SoC	
Memory	1 x 260-pin SO-DIMM up to 32GB DDR4 3200MHz	
TPM	TPM 2.0	
IO Port		
USB	1 x M12 8-pin for USB 2.0 with waterproof cover and chain	
Serial / Parallel	1 x M12 8-pin COM1, RS-232/422/485, default RS-232, with waterproof cover and chain	
LAN	1 x M12 8-pin for LAN with waterproof cover and chain	
Others	1 x Touch on/off button at the side	
Power Connector	1 x M12 3-pin for DC power with waterproof cover and chain 1 x Power switch on the rear	
Option	2 x optional blank M12 connector with waterproof cover and chain for selecting two from the following options: 2 x USB 2.0 1 x USB 3.0 1 x LAN (PoE for option) 1 x COM 1 x CAN	
Storage Space		
HDD	1 x 2.5" SATA3 HDD	
M.2	1 x M.2 B-Key(SATA 3), Support 2242 at default	
Expansion		
Expansion slot	1 x M.2 E-Key 2230 socket (PCIe+USB) for optional Wi-Fi/BT(for option)	
RFID module	RFID Module Design on the Front Side (for option)	
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
Touch Screen		
Type	Resistive Touch (For BR model) Projected Capacitive Touch (For BP model)	
Interface	USB	
Light Transmission(%)	Resistive Touch : 80% Projected Capacitive : 90%	

Dimensions



UNIT: mm
Tolerance:±0.5

Power	
Power Input	DC 9~36V
Power Consumption	ViTAM-821BP : TBD
Mechanical	
Construction	304 Stainless steel chassis(default), 316 Stainless steel chassis(optional)
Mounting	VESA mount 100 x 100, Yoke mount for optional
IP Rating	Total IP66/IP69K
Dimensions	571 x 362 x 55 mm
Net Weight	10 kg
Environmental	
Operating Temperature	0~50°C (21.5" High Brightness LCD Model: 0~40°C)
Storage Temperature	-30~70°C
Humidity	10 to 95% @ 40°C, non-condensing
Certificate	CE/FCC Class A
Operating System Support	
Windows 10 IoT ENT LTSC	

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