

ViTAM-921BPR(H)

21.5" IP66 / IP69K Stainless Steel Panel PC

Industrial Panel PC

HMI Controller

Industrial
Display Monito

Box PC



Features /

- 21.5" New Generation Stainless Steel Panel PC
- 8th Gen. Intel Core i3/i5 BGA type 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, 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 | Core i5-8365UE(Quad Core, 6 MB cache, 1.6GHz) Core i3-8145UE(Dual Core, 4 MB cache, 2.2GHz) |
| System Chipset | SoC |
| Memory | 2 x 260-pin SO-DIMM up to 64GB DDR4 2400MHz |
| TPM | Firmware TPM (TPM 2.0 compliance) |
| | |

| 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 3.2 Gen.1 1 x LAN 1 x COM 1 x CAN |

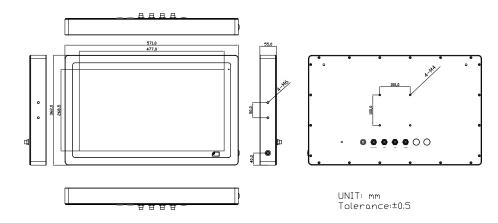
| Storage Space | |
|---------------|--|
| HDD | 1 x 2.5" SATA3 HDD (for option) |
| M 2 | 1 v B key 2280 (SATA as default IDC) a select by BIOS) for SSD |

| Expansion | |
|----------------|---|
| Expansion slot | 1 x Full size mSATA/mPCle (mSATA as default, select by BIOS) 1 x NANO-SIM |
| | 1 x M.2 E-key 2230 (PCle+USB) for optional WIFI/BT module |
| 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/m²) | 250 | 1000 |
| View Angle | 178(H) /178(V) | 178(H) /178(V) |
| Contrast | 3000:1 | 3000:1 |
| Backlight Lifetime | 30 000 bre | 50 000 bre |

| Touch Screen | |
|-----------------------|--|
| Туре | Resistive Touch (for BR model) Projected Capacitive (for BP model) |
| Interface | USB |
| Light Transmission(%) | Resistive Touch : 80% Projected Capacitive : 90% |

Dimensions /



| Power | | |
|--|---|---|
| Power Input | | DC 9~36V |
| Power Consumption | | ViTAM-921BP: 40W |
| 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 | | 10.0 kg |
| Environmental | | |
| Operating Tempe | rature | 0~50°C |
| Storage Tempera | iture | -30~70°C |
| Humidity | | 10 to 95% @ 40°C, non-condensing |
| Certificate | | CE/FCC Class A |
| Operating Syste | m Supp | ort |
| Windows 10 IoT | ENT LTS | SB, Windows 11 |
| Ordering Inform | ation | |
| ViTAM-921BP | 2 x SO- | 1D IP66/IP69K stainless steel panel pc, Intel 8th Gen. Core i Processor, DIMM DDR4 slots, 128GB TLC SSD, projected capacitive touch, 9~36V er input with Adapter |
| ViTAM-921BR | 21.5" FHD IP66/IP69K stainless steel panel pc, Intel 8th Gen. Core i Processor, 2 x SO-DIMM DDR4 slots, 128GB TLC SSD, 5 wire resistive touch window, 9~36V DC power input with Adapter | |
| ViTAM-921BPH 2 x SO-DIMM DDR4 slots, 128GB TLC SSD, projected capa DC power input with Adapter, 1000 nits 21.5" FHD IP66/IP69K stainless steel panel pc, Intel 8th Ger | | 1D IP66/IP69K stainless steel panel pc, Intel 8th Gen. Core i Processor, DIMM DDR4 slots, 128GB TLC SSD, projected capacitive touch, 9~36V er input with Adapter, 1000 nits |
| | | 1D IP66/IP69K stainless steel panel pc, Intel 8th Gen. Core i Processor, DIMM DDR4 slots, 128GB TLC SSD, 5 wire resistive touch window, 9~36 er input with Adapter, 1000 nits |

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Assured Systems

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