## Features

- 17" 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 75 x 75 mm Mounting

## Dimensions



UNIT: mm
Tolerance: ±0.5

## Specifications

### System

| | |
|---|---|
| CPU | Core i5-8365UE(Quad Core, 6 MB cache, 1.6GHz)<br>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

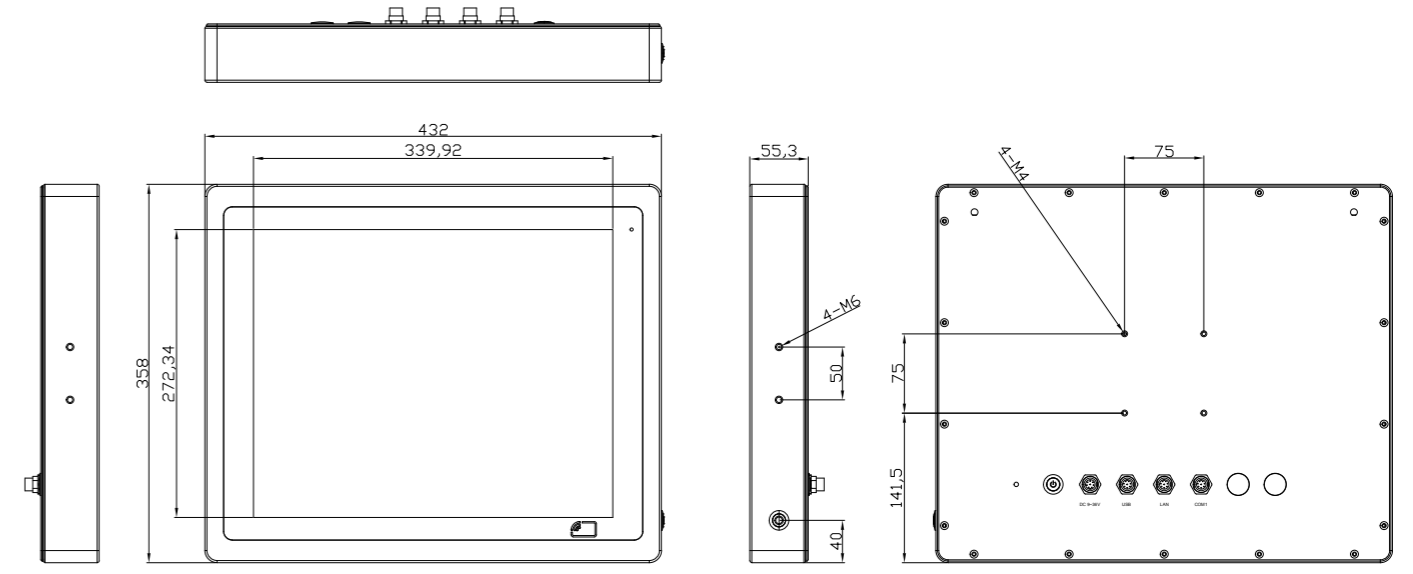| | |
|---|---|
| USB | 1 x M12 8-pin for USB 2.0 with waterproof cover and chain |
| Serial / Parallel | 1 x M12 8-pin COM1, RS-232/422/485, default RS-232, with waterproof cover and chain |
| LAN | 1 x M12 8-pin for LAN with waterproof cover and chain |
| Others | 1 x Touch on/off button at the side |
| Power Connector | 1 x M12 3-pin for DC power with waterproof cover and chain<br>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:<br>2 x USB 2.0<br>1 x USB 3.2 Gen.1<br>1 x LAN<br>1 x COM<br>1 x CAN |

### Storage Space

| | |
|---|---|
| HDD | 1 x 2.5" SATA3 HDD (for option) |
| M.2 | 1 x B-key 2280 (SATA as default, PCI-e select by BIOS) for SSD |

### Expansion

| | |
|---|---|
| Expansion slot | 1 x Full size mSATA/mPCIe (mSATA as default, select by BIOS)<br>1 x NANO-SIM<br>1 x M.2 E-key 2230 (PCIe+USB) for optional WIFI/BT module |
| RFID module | RFID module design on the front side (for option) |

### Display

| Display | Standard | High Brightness Optional |
|---|---|---|
| Display Type | 17" TFT-LCD | 17" TFT-LCD |
| Max. Resolution | 1280 x 1024 | 1280 x 1024 |
| Max. Color | 16.7M | 16.7M |
| Luminance (cd/m$^2$) | 350 | 1000 |
| View Angle | 160(H) /140(V) | 170(H) /160(V) |
| Contrast | 800:1 | 800:1 |
| Backlight Lifetime | 50,000 hrs | 50,000 hrs |

### Touch Screen

| | |
|---|---|
| Type | Resistive Touch (for BR model)<br>Projected Capacitive (for BP model) |
| Interface | USB |
| Light Transmission(%) | Resistive Touch : 80%<br>Projected Capacitive : 90% |

### Power

| | |
|---|---|
| Power Input | DC 9~36V |
| Power Consumption | ViTAM-917BR: 67W |

### Mechanical

| | |
|---|---|
| Construction | 304 Stainless steel chassis(default), 316 Stainless steel chassis(optional) |
| Mounting | VESA mount 75 x 75, Yoke mount for optional |
| IP Rating | Total IP66/IP69K |
| Dimensions | 432 x 358 x 55.3 mm |
| Net Weight | 8 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 10 IoT ENT LTSB, Windows 11

### Ordering Information

| | |
|---|---|
| ViTAM-917BP | 17" SXGA IP66/IP69K stainless steel panel pc, Intel 8th Gen. Core i Processor, 2 x SO-DIMM DDR4 slots, 128GB TLC SSD, projected capacitive touch, 9~36V DC power input with Adapter |
| ViTAM-917BR | 17" SXGA 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-917BPH | 17" SXGA IP66/IP69K stainless steel panel pc, Intel 8th Gen. Core i Processor, 2 x SO-DIMM DDR4 slots, 128GB TLC SSD, projected capacitive touch, 9~36V DC power input with Adapter, 1000 nits |
| ViTAM-917BRH | 17" SXGA 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, 1000 nits |

V 1.2