

ViTAM-919BPR(H)

19" IP66 / IP69K Stainless Steel Panel PC

Industrial Panel PC

HMI Controller

Industrial
Display Monitor

Box PC



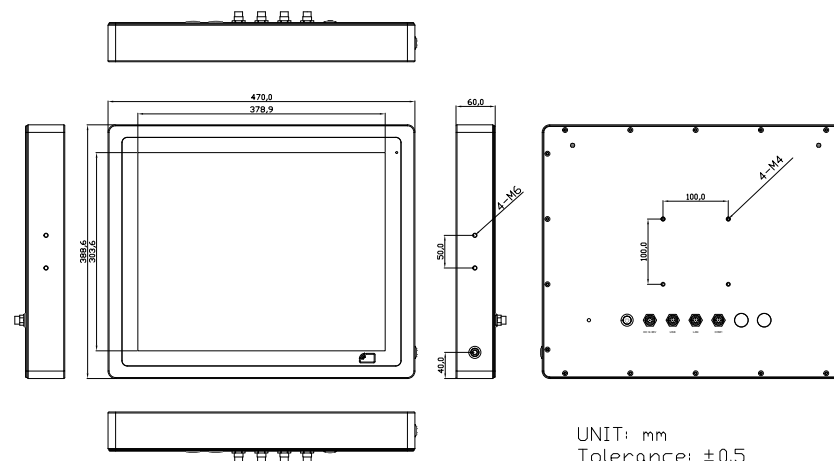
Features

- 19" 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 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) 1 x NANO-SIM	
	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	Standard	High Brightness Optional
Display Type	19" TFT-LCD	19" TFT-LCD
Max. Resolution	1280 x 1024	1280 x 1024
Max. Color	16.7M	16.7M
Luminance (cd/m ²)	350	1000
View Angle	170(H)/160(V)	170(H)/160(V)
Contrast	1000:1	1000:1
Backlight Lifetime	50,000 hrs	50,000 hrs
Touch Screen		
Type	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-919BP: 39W
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	470 x 388.6 x 60 mm
Net Weight	9.5 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 LTSC, Windows 11	
Ordering Information	
VITAM-919BP	19" 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-919BR	19" 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-919BPH	19" 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-919BRH	19" 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

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Assured Systems

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