



Features /

19" New Generation Stainless Steel Panel PC

19" IP66 / IP69K 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)

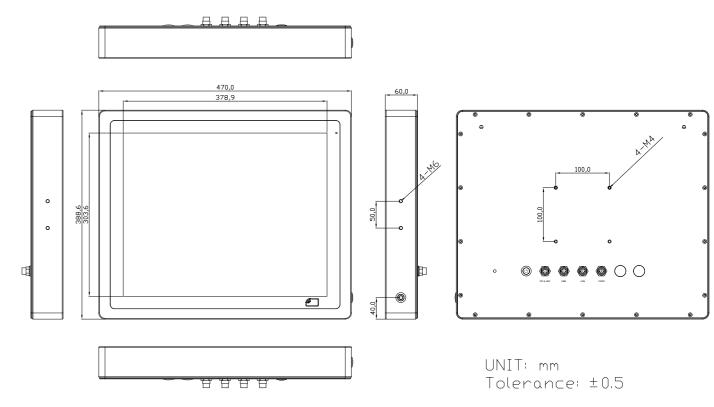
IPM	Firmware TPM (TPM 2.0 compliance)	
IO Port		
USB	1 x M12 8-pin for USB 2.0 with waterproof cover and chain	
Serial / Parallel	1 x M12 8-pin COM1, RS-232/422/485, default RS-232, with waterproof cover and chain	
LAN	1 x M12 8-pin for LAN with waterproof cover and chain	
Others	1 x Touch on/off button 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 chair 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	

S	Storage Space	
H	HDD	1 x 2.5" SATA3 HDD (for option)
Ν	Л.2	1 x B-key 2280 (SATA as default, PCI-e select by BIOS) for SSD
E	xpansion	
Е	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
F	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/m²)	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	
Туре	Resistive Touch (for BR model) Projected Capacitive (for BP model)
Interface	USB
Light Transmission(%)	Resistive Touch : 80% Projected Capacitive : 90%

Dimensions /



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Power		D0 0 00V	
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 Tempe	erature	0~50°C	
Storage Tempera	ture	-30~70°C	
Humidity		10 to 95% @ 40°C, non-condensing	
Certificate		CE/FCC Class A	
Operating Syste	em Supp	ort	
Windows 10 IoT	ENT LTS	SB, Windows 11	
Ordering Inform	ation		
ViTAM-919BP	2 x SO-	GA 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-919BR	2 x SO-	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	2 x SO-	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		