

## VITAM-919AR/P/G(H)

19" IP66 / IP69K Stainless Steel Panel PC

Industrial Panel PC

HMI Controller

Industrial Display Monitor

Box PC



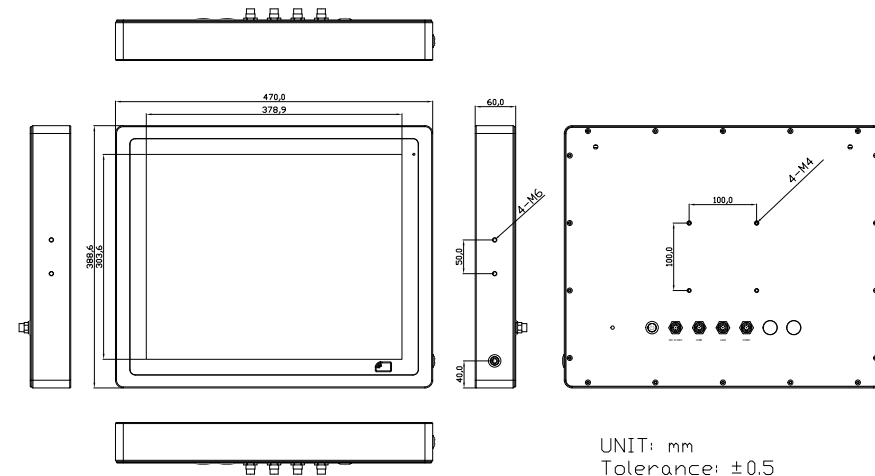
### Features

- 19" New Generation Stainless Steel Panel PC
- 6th Gen Intel Core i3-6100U / Core i5-6300U 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, Projected Capacitive Touch, and Glass
- 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 6th Gen Intel Core i3/i5 Processor
System Chipset	SoC
Memory	1 x 260-pin SO-DIMM up to 16GB DDR4 2133MHz
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 on the side
Power Connector	1 x M12 3-pin for DC power with waterproof cover and chain 1 x Power switch on the side
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
Expansion	
Expansion Slot	1 x miniPCIe slot for WIFI/BT(optional), 4G/LTE(optional)
RFID module	RFID module design on the front side(optional)
Display	
Display Type	Standard: 19" TFT-LCD High Brightness Optional: 19" TFT-LCD
Max. Resolution	Standard: 1280 x 1024 High Brightness Optional: 1280 x 1024
Max. Color	Standard: 16.7M High Brightness Optional: 16.7M
Luminance (cd/m <sup>2</sup> )	Standard: 350 High Brightness Optional: 1000
View Angle	Standard: 170(H) / 165(V) High Brightness Optional: 170(H) / 160(V)
Contrast	Standard: 1000:1 High Brightness Optional: 1000:1
Backlight Lifetime	Standard: 50,000 hrs High Brightness Optional: 30,000 hrs
Touch Screen	
Type	Resistive Touch (For R model) Projected Capacitive Touch (For P model) Glass (For G model)
Interface	USB
Light Transmission(%)	Resistive Touch : 80% Projected Capacitive : 90%
Power	
Power Input	DC 9~36V
Power Consumption	VITAM-919AP:49W

### Dimensions



UNIT: mm  
Tolerance: ±0.5

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 x 60 mm
Net Weight	9.5 kg
Environmental	
Operating Temperature	0~50°C
Storage Temperature	-30~70°C
Storage Humidity	10 to 90% @ 40°C, non- condensing
Certificate	CE/FCC Class A
Operating System Support	
Windows Embedded 7, Windows Embedded 8.1, Windows 10 IoT ENT LTSB	
Ordering Information	
VITAM-919AP	19" SXGA IP66/IP69K stainless steel panel pc, Intel 6th Gen. Core i Processor, 1 x SO-DIMM DDR4 slot, 32G MLC SSD, projected capacitive touch, 9~36V DC power input with Adapter
VITAM-919AR	19" SXGA IP66/IP69K stainless steel panel pc, Intel 6th Gen. Core i Processor, 1 x SO-DIMM DDR4 slot, 32G MLC SSD, 5 wire resistive touch window, 9~36V DC power input with Adapter
VITAM-919AG	19" SXGA IP66/IP69K stainless steel panel pc, Intel 6th Gen. Core i Processor, 1 x SO-DIMM DDR4 slot, 32G MLC SSD, protection glass, 9~36V DC power input with Adapter
VITAM-919APH	19" SXGA IP66/IP69K stainless steel panel pc, Intel 6th Gen. Core i Processor, 1 x SO-DIMM DDR4 slot, 32G MLC SSD, projected capacitive touch, 9~36V DC power input with Adapter, 1000 nits
VITAM-919ARH	19" SXGA IP66/IP69K stainless steel panel pc, Intel 6th Gen. Core i Processor, 1 x SO-DIMM DDR4 slot, 32G MLC SSD, 5 wire resistive touch window, 9~36V DC power input with Adapter, 1000 nits
VITAM-919AGH	19" SXGA IP66/IP69K stainless steel panel pc, Intel 6th Gen. Core i Processor, 1 x SO-DIMM DDR4 slot, 32G MLC SSD, protection glass, 9~36V DC power input with Adapter, 1000 nits

## Assured Systems

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