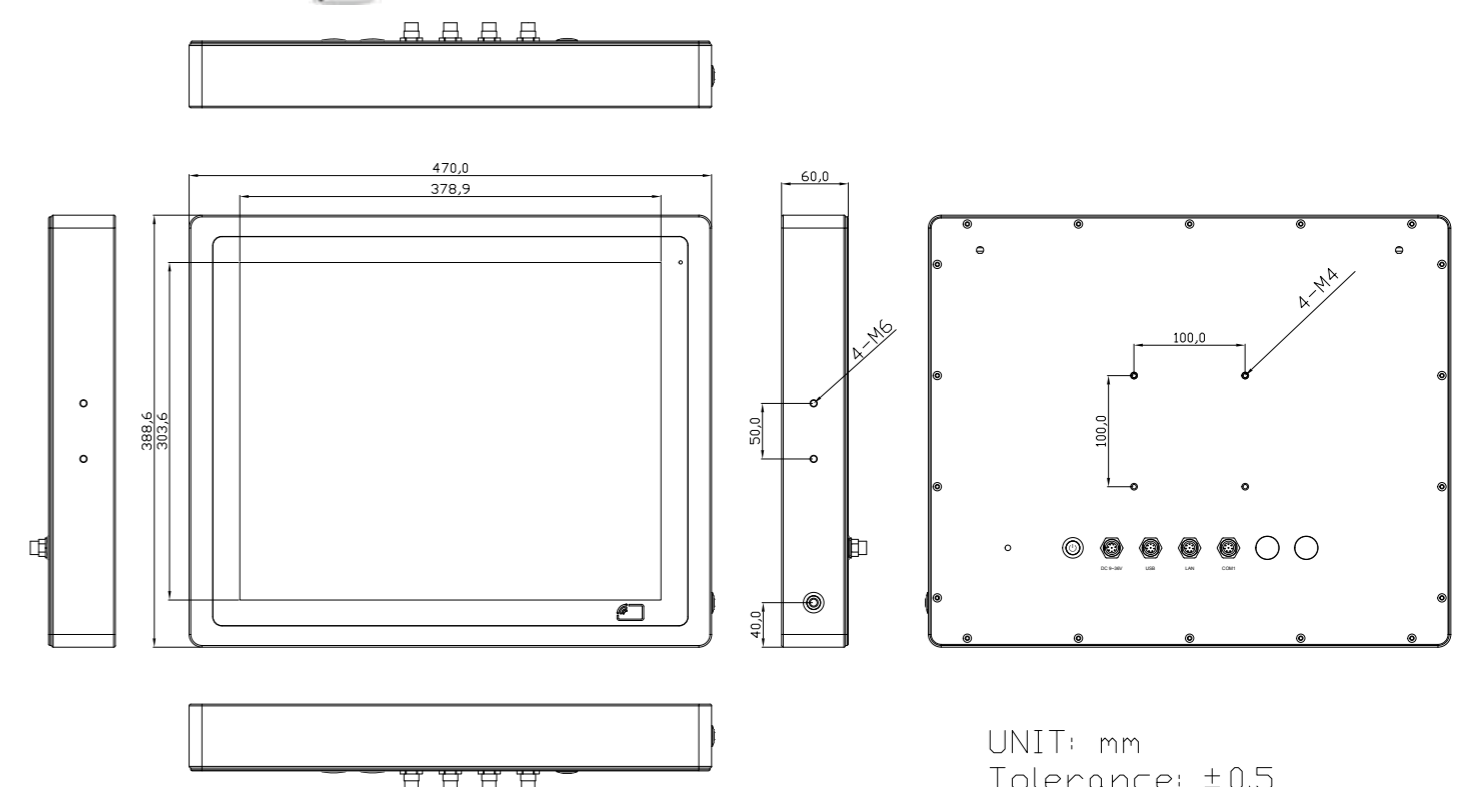## Features

- 19" New Generation Stainless Steel Panel PC
- 6th 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, 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	Core i5-6300U, 3M Cache, up to 3.00 GHz Core i3-6100U, 3M Cache, up to 2.30 GHz
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 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 3.0 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 Full-size mini-PCIe socket (PCIe + USB) for WIFI/BT/LTE(optional)
RFID module	RFID module design on the front side(optional)

Dispalay

Dispalay	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 AR model) Projected Capacitive(For AP model) Glass(For AG model)
Interface	USB
Light Transmission(%)	Resistive Touch : 80% Projected Capacitive : 90%

Power

Power Input	DC 9~36V
Power Consumption	ViTAM-919AP:49W

Dimensions

470,0
378,9
60,0
388,6
303,6
4~M6
50,0
40,0
4~M4
100,0
100,0

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 388.6 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 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

V 1.7