



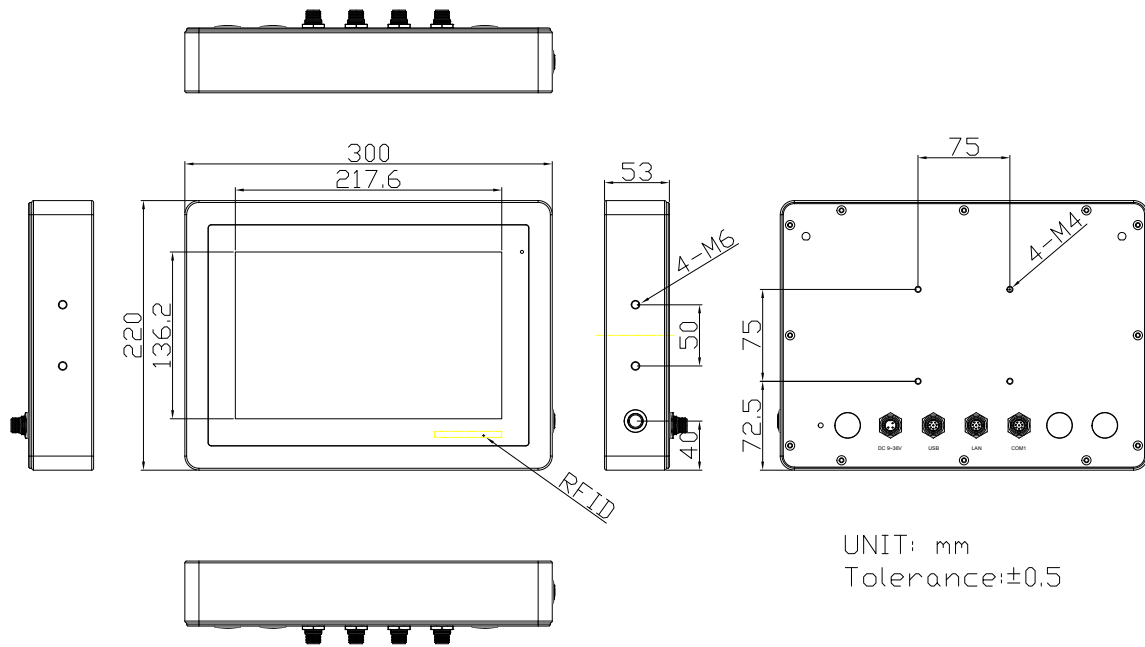
Features

- 10.1" New Generation Stainless Steel Panel PC
- NXP i.MX 8M Plus, Quad Core, 1.6GHz 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	NXP i.MX 8M Plus ARM, Cortex-A53(4x Cores, 1.6 GHz)	
System Chipset	SoC	
Memory	Onboard 4GB LPDDR4-4000 SDRAM	
IO Port		
USB	1 x M12 8-pin for USB 2.0 with waterproof cover	
Serial/Parallel	1 x M12 8-pin COM1, RS-232/485, default RS-232, with waterproof cover	
LAN	1 x M12 8-pin for LAN with waterproof cover	
Others	1 x Touch on/off button at the side	
Power Connector	1 x Power switch on the rear (option)	
Option	2 x M12 blank for option:	
	• 1 x LAN	
	• 1 x COM	
	• 1 x CAN	
Storage Space		
eMMC	Onboard 16GB(default)/ optional up to 64GB eMMC Flash	
Expansion		
Expansion slot	1 x M.2 B-Key 3042/3052 for 4G/5G module	
	1 x M.2 E-Key 2230 for WIFI/BT module	
	1 x Nano SIM slot	
RFID module	RFID module design on the front side (optional)	
Display	Standard	High Brightness Optional
Display Type	10.1" TFT-LCD	10.1" TFT-LCD
Max. Resolution	1280 x 800	1280 x 800
Max. Color	16.7M	16.2M
Luminance (cd/m ²)	350	1000
View Angle	170(H) /170(V)	170(H) /170(V)
Contrast	800:1	1300:1
Backlight Lifetime	30,000 hrs	50,000 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 Touch: 90%	
Power		
Power Input	DC 24V	
Power Consumption	VITAM-610ARH: 17.04W (MAX)	

Dimensions



Mechanical	
Construction	304 Stainless Steel Chassis(default), 316 Stainless Steel Chassis(optional)
Mounting	VESA Mount 75 x 75, Yoke Mount (optional)
IP Rating	Total IP66/IP69K
Dimensions	300 x 220 x 53 mm
Net Weight	3.73 kg
Environmental	
Operating Temperature	0~50°C / -20~60°C for option
Storage Temperature	-30~70°C
Humidity	10 to 95% @ 40°C, non- condensing
Certificate	CE/FCC Class A
Operating System Support	
Android 11 / Yocto Linux 4.0 (Kirkstone)	
Ordering Information	
ViTAM-610AP	10.1" WXGA IP66/IP69K stainless steel panel pc, NXP i.MX 8M Plus ARM, ortex-A53, 4GB LPDDR4 RAM,16GB eMMC, projected capacitive touch, 24V DC power input with Adapter
ViTAM-610AR	10.1" WXGA IP66/IP69K stainless steel panel pc, NXP i.MX 8M Plus ARM, ortex-A53, 4GB LPDDR4 RAM,16GB eMMC, 5 wire resistive touch window, 24V DC power input with Adapter
ViTAM-610AG	10.1" WXGA IP66/IP69K stainless steel panel pc, NXP i.MX 8M Plus RM,Cortex-A53, 4GB LPDDR4 RAM,16GB eMMC, protection glass, 24V DC power input with Adapter
ViTAM-610APH	10.1" WXGA IP66/IP69K stainless steel panel pc, NXP i.MX 8M Plus ARM, ortex-A53, 4GB LPDDR4 RAM,16GB eMMC, projected capacitive touch, 24V DC power input with Adapter, 1,000 nits LCD
ViTAM-610ARH	10.1" WXGA IP66/IP69K stainless steel panel pc, NXP i.MX 8M Plus ARM, ortex-A53, 4GB LPDDR4 RAM,16GB eMMC, 5 wire resistive touch window, 24V DC power input with Adapter, 1,000 nits LCD
ViTAM-610AGH	10.1" WXGA IP66/IP69K stainless steel panel pc, NXP i.MX 8M Plus ARM, ortex-A53, 4GB LPDDR4 RAM,16GB eMMC, protection glass, 24V DC power input with Adapter, 1,000 nits LCD

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