

ViTAM-621P/R/G(H)

21.5" IP66 / IP69K Stainless Steel Panel PC

Industrial Panel PC

HMI Controller

Industrial Display Monitor

Box PC



Features

- 21.5" New Generation Stainless Steel Panel PC
- Freescall i.MX6 DualLite 1.0GHz 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	Freescall i.MX6 Dual Lite, ARM Cortex A9(2x Cores, 1.0GHz)
System Chipset	SoC
Memory	Onboard 1GB DDR3 SDRAM
IO Port	
USB	1 x M12 8-pin for 2 x 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	1 x RS-232/422/485 1 x 8 bit GPIO 1 x CAN 1 x PoE

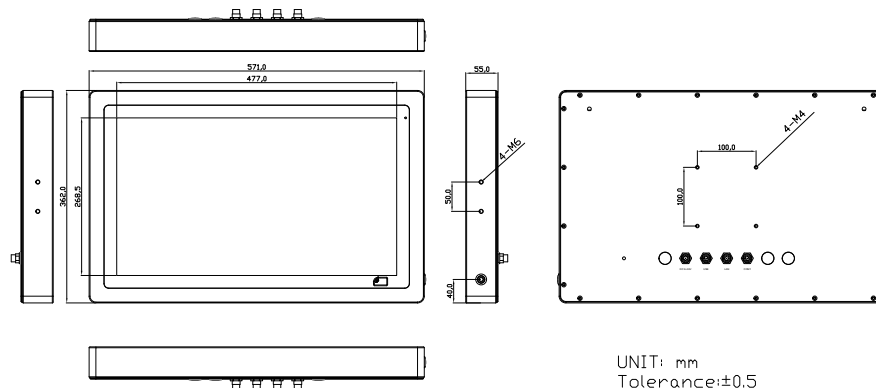
Storage Space	
eMMC	Onboard 4GB eMMC NAND Flash
Expansion	
Expansion slot	1 x Full-size mini-PCIe socket (PCIe + USB) for WIFI/BT/LTE(optional)
RFID module	RFID module design on the front side(optional)

Display	Standard	High Brightness Optional
Display Type	21.5" TFT-LCD	21.5" TFT-LCD
Max. Resolution	1920 x 1080	1920 x 1080
Max. Color	16.7M	16.7M
Luminance (cd/m ²)	250	1000
View Angle	178(H) / 178(V)	178(H) / 178(V)
Contrast	3000:1	3000:1
Backlight Lifetime	30,000 hrs	30,000 hrs

Touch Screen	
Type	Resistive Touch (For R model) Projected Capacitive Touch (For P model) Glass (For G model)
Interface	SPI(Resistive Touch) / USB(Projected Capacitive Touch)
Light Transmission(%)	Resistive Touch : 80% / Projected Capacitive : 90%

Power	
Power Input	DC 12~36V
Power Consumption	ViTAM-621P:22W

Dimensions



Mechanical	
Construction	304 Stainless steel chassis(default), 316 Stainless steel chassis(optional)
Mounting	VESA mount 100 x 100, Yoke mount (optional)
IP Rating	Total IP66/IP69K
Dimensions	571 x 362 x 55 mm
Net Weight	9.8 kg

Environmental	
Operating Temperature	0~50°C (21.5" High Brightness LCD Model: 0~40°C)
Storage Temperature	-30~70°C
Humidity	10 to 95% @ 40°C, non- condensing
Certificate	CE/FCC Class A

Operating System Support	
Android 6.0.1 / Linux kernel 4.9.88:Yocto + Chromium Browser V67	

Ordering Information	
ViTAM-621P	21.5" XGA IP66/IP69K stainless steel panel pc, Freescall i.MX6 Dual Lite ARM Cortex A9,1GB DDR3 RAM,4GB eMMCe, projected capacitive touch, 12~36V DC power input with Adapter
ViTAM-621R	21.5" XGA IP66/IP69K stainless steel panel pc, Freescall i.MX6 Dual Lite ARM Cortex A9,1GB DDR3 RAM,4GB eMMC, 5 wire resistive touch window, 12~36V DC power input with Adapter
ViTAM-621G	21.5" XGA IP66/IP69K stainless steel panel pc, Freescall i.MX6 Dual Lite ARM Cortex A9,1GB DDR3 RAM,4GB eMMCe, protection glass, 12~36V DC power input with Adapter
ViTAM-621PH	21.5" XGA IP66/IP69K stainless steel panel pc, Freescall i.MX6 Dual Lite ARM Cortex A9,1GB DDR3 RAM,4GB eMMCe, projected capacitive touch, 12~36V DC power input with Adapter, 1,000 nits LCD
ViTAM-621RH	21.5" XGA IP66/IP69K stainless steel panel pc, Freescall i.MX6 Dual Lite ARM Cortex A9,1GB DDR3 RAM,4GB eMMC, 5 wire resistive touch window, 12~36V DC power input with Adapter, 1,000 nits LCD
ViTAM-621GH	21.5" XGA IP66/IP69K stainless steel panel pc, Freescall i.MX6 Dual Lite ARM Cortex A9,1GB DDR3 RAM,4GB eMMCe, protection glass, 12~36V DC power input with Adapter, 1,000 nits LCD

Industrial Panel PC

All specifications and photos are subject to change without notice.

All specifications and photos are subject to change without notice.

Industrial Panel PC

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660