

ViTAM-816P/R/G(H)

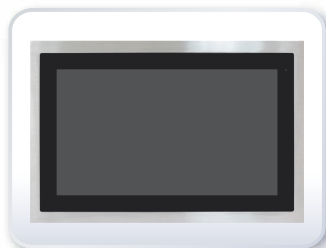
15.6" IP66 / IP69K Stainless Steel Panel PC

Industrial Panel PC

HMI Controller

Industrial
Display Monitor

Box PC



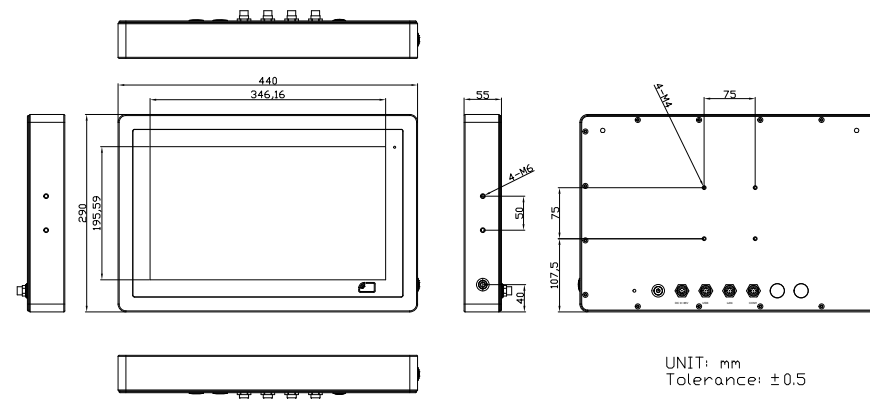
Features

- 15.6" New Generation Stainless Steel Panel PC
- Intel Celeron N2930 1.83GHz 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 75 x 75 mm Mounting

Specifications

System		
CPU	Celeron N2930 Processor(2M Cache,1.83GHz)	
System Chipset	SoC	
Memory	Onboard 4GB DDR3L SDRAM , up to 8GB(option)	
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)	
Display	Standard	High Brightness Optional
Display Type	15.6" TFT-LCD	15.6" TFT-LCD
Max. Resolution	1366 x 768	1366 x 768
Max. Color	16.7M	16.7M
Luminance (cd/m ²)	300	1000
View Angle	160(H) /160(V)	170(H) /170(V)
Contrast	500:1	800:1
Backlight Lifetime	50,000 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 : 90%	
Power		
Power Input	DC 9~36V	
Power Consumption	ViTAM-816P:24W	

Dimensions



Mechanical	
Construction	304 Stainless steel chassis(default), 316 Stainless steel chassis(optional)
Mounting	VESA mount 75 x 75, Yoke mount for optional
IP Rating	Total IP66/IP69K
Dimensions	440 x 290 x 55 mm
Net Weight	7.0 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-816P	15.6" WXGA IP66/IP69K stainless steel panel pc, Celeron N2930 Processor, 4GB DDR3L RAM, 32G MLC SSD, projected capacitive touch, 9~36V DC power input with Adapter
ViTAM-816R	15.6" WXGA IP66/IP69K stainless steel panel pc, Celeron N2930 Processor, 4GB DDR3L RAM, 32G MLC SSD, 5 wire resistive touch window, 9~36V DC power input with Adapter
ViTAM-816G	15.6" WXGA IP66/IP69K stainless steel panel pc, Celeron N2930 Processor, 4GB DDR3L RAM, 32G MLC SSD, protection glass, 9~36V DC power input with Adapter
ViTAM-816PH	15.6" WXGA IP66/IP69K stainless steel panel pc, Celeron N2930 Processor, 4GB DDR3L RAM, 32G MLC SSD, projected capacitive touch, 9~36V DC power input with Adapter, 1,000 nits LCD
ViTAM-816RH	15.6" WXGA IP66/IP69K stainless steel panel pc, Celeron N2930 Processor, 4GB DDR3L RAM, 32G MLC SSD, 5 wire resistive touch window, 9~36V DC power input with Adapter, 1,000 nits LCD
ViTAM-816GH	15.6" WXGA IP66/IP69K stainless steel panel pc, Celeron N2930 Processor, 4GB DDR3L RAM, 32G MLC SSD, protection glass, 9~36V DC power input with Adapter, 1,000 nits LCD

V 1.6

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All specifications and photos are subject to change without notice.

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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.

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