

VIPAIPC156-ARM-IP65-2ETH/4ETH

■ Arm mounting PC

■ Features

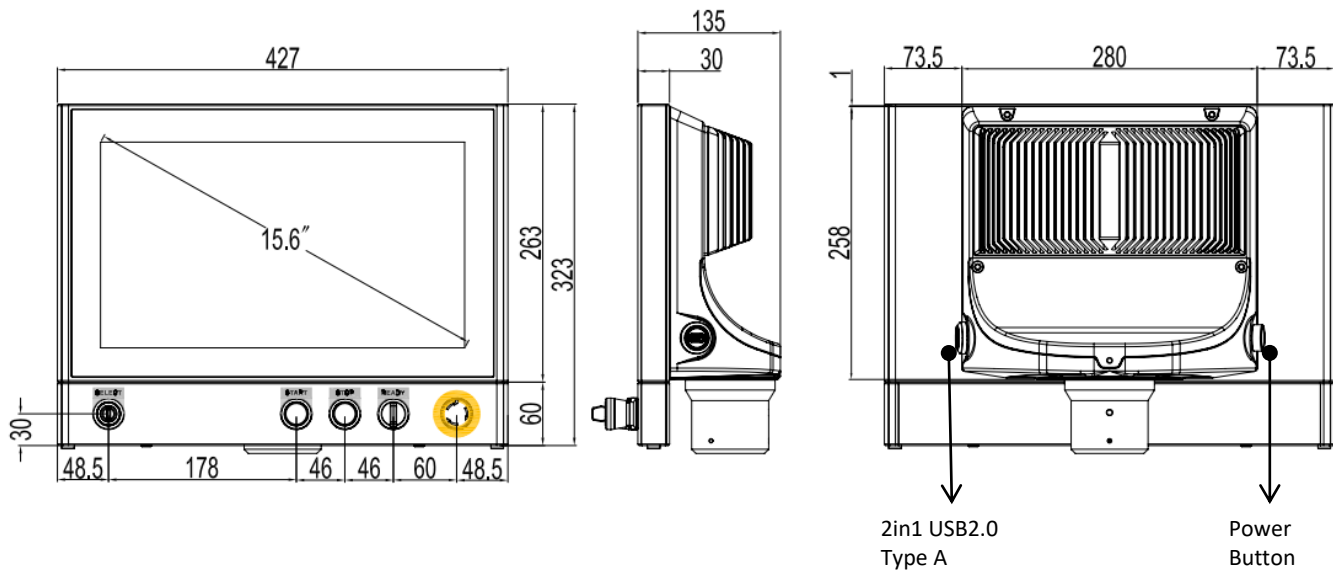
- 15.6" LCD,1920*1080,resolution,Multi-touch,Capacitive Touchscreen
- Full IP65 design
- 2/4*Glan/4*USB3.0/1*HDMI/2*COM
- DC12-24V power input
- Support ARM mounting from TOP side or BOTTOM side
- Fanless and anodized aluminum
- Customer-specific requests for button units,up to 7x Ø22 buttons
- 1x power switch and 1x 2in1 USB 2.0 port at the back side



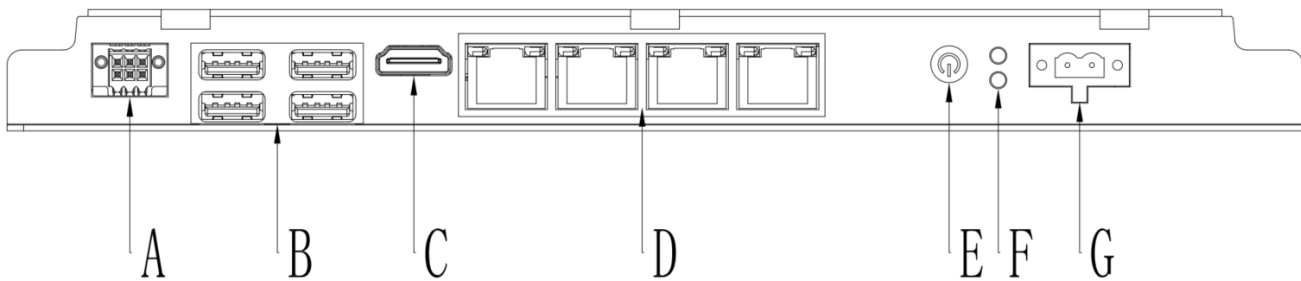
■ Specification

Product Name		VIPAIPC156-ARM-IP65-2ETH	VIPAIPC156-ARM-IP65-4ETH
LCD	Size	15.6" LCD	
	Resolution ratio	1920*1080	
	White Luminance	350cd/m2	
	MTBF (hour)	50000hrs	
	Contrast Ratio	800:1	
	Viewing Angle	(L)89 / (R)89 / (T)89 / (B)89	
Mechanical	Dimensions (W x H x D)	427mm x 323mm x 135mm	
	Installation	Swing ARM mounting (Support square tube and Rittal CP 40)	
	Buttons	Default: 1x Emergency button, 1x selection button, 1x red push button, 1x green push button, 1x Key switch (The pushbuttons are from RAFI)	
	Weight	7.5Kg	
System	CPU	CPU Intel® Core10-11th i5/i3/i7 CPU type LGA1200 . Max.35W	
	Memory	2 x 260-pin DDR4 SODIMM , Max support 32GB	
	Storage	1 x 2.5" HDD/SSD + 1 x mSATA	
	Network(LAN)	2 x Intel 1000Mbps Ethernet	4 x Intel 1000Mbps Ethernet
	HDMI	HDMI1.2	
	Serial ports	2 X RS232/485(optional) , 2x 3-pins Phoenix Connector	
	USB	4 x USB3.0/2.0/1.0	
Touch Screen	Touch screen type	Capacitive Touch screen	
	Communication interface	USB	
	Transmittance	≥87%	
OS	OS	Windows 10 IoT 2021 LTSC, Windows 11 IoT 2024 LTSC, Ubuntu, CentOS.	
Power Consumption	Input Voltage	12-24VDC ±10% , Support reverse connection protection, over voltage protection, over current protection 1x 2-pins Phoenix Connector for DC power(internal); 1x Power button with light at the back of housing	
	Idle Power Consumption	Minimum 35W	
Environment	Operating Temperature	0°C ~ 50°C for SSD , 0°C ~ 45°C for HDD	
	Storage Temperature	-20°C ~ 60°C	
	Humidity	5~95% @ 40°C (non-condensing)	
	Vibration	SSD applied: 1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis	
	Shock	Operating 10G peak acceleration (11ms duration), follow IEC 60068-2-27	
	EMC	Class B	
	IP rating	Full IP65	

■ Dimensions (unit: mm) 15.6"



■ Internal I/O



A: 2*RS232/485

B: 4*USB3.0

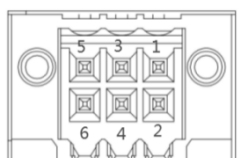
C: HDMI

D: 4*LAN

E: Power button

F: HDD/Power LEDs

G: DC-in

A				
				
Pin	Definition	Pin	Definition	
1	TX1/A1	2	GND	
3	RX1/B1	4	TX2/A2	
5	RX2/B2	6	GND	

Note: The number of LAN port depends on the ordering code (2ETH = 2LAN / 4ETH = 4LAN)

■ Button Area



note:

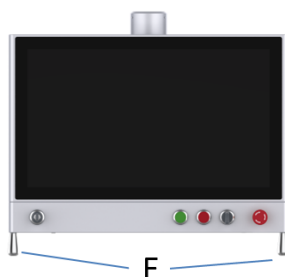
1. Fully configurable according to customer specifications
2. Frontally accessible for subsequent configuration changes and/or additions
3. Hard-wired connection mode
4. The number of elements that can be installed depends on the size of the display
5. Technical Supports: www.vipaitalia.it

■ Ordering Information

P/N	Product name	Description
	VIPAIPC156-ARM-IP65-4ETH	15.6", 1920*1080, 4*GigE lan, 4*USB3.0, 1*HDMI, 2*COM, 12V-24V
	VIPAIPC156-ARM-IP65-2ETH	15.6", 1920*1080, 2*GigE lan, 4*USB3.0, 1*HDMI, 2*COM, 12V-24V

■ Optional Accessories

Option items	Description
CPU	Support 10th/11th generation Intel® Core i3/i5/i7 LGA 1200 socket type processors: Intel® Core i3-10100T, Four Cores, 3.00 GHz, 6 MB Cache, TDP 35W; Intel® Core i5-11500T, Six Cores, 1.50 GHz, 12 MB Cache, TDP 35W; Intel® Core i7-11700T, Eight Cores, 1.40 GHz, 16 MB Cache, TDP 35W; Please contact sales to check other request.
UPS	Integrated supercapacitors, around 12 seconds power-off delay (CPU with TDP35W)
Memory	DDR4 4G/8G/16G
Storage	Mini SATA SSD 64G/128G/256G/512G/1TB 2.5" SATA SSD 128GB, 256GB, 512GB, 1TB, 2TB
WiFi Module	WiFi, 7260AN, folded cylinder TR tube
Handles	Oval handle (E)
Keyboard Holder	keyboard holder



Note: If the system provides some optional parts, additional certification of system compatibility may be required in some regions/countries, please VIPA Italia for system compatibility.