

11th Gen 12.1"

6 Sides Full IP65 Stainless Touch IPC

Features

- Fanless and rugged design
- Wide temperature & sunlight readable solution
- 11th Gen Intel® i3 1115GRE / i7 1185GRE processors
- Resolution 1024 x 768 dpi
- True Flat PCT / 5 Wires Resistive touch solution
- Full 304 IP65 6 sides stainless chassis
- All IP65 M12 waterproof connectors
- 2 x USB, 2 x RS232, 2 x GLAN
- VESA mount & Yoke mount



Specifications

Model No.	IP122P104/106W	IP122R104/106W
System		
CPU	11 th Gen Intel® Core™ i3 1115GRE / i7 1185GRE processors	
Memory	2 x 260-pin DDR4 3200MHz SODIMM up to 64 GB	
H/W Monitor		
H/W Monitor	Watch Dog Timer 256 Level	
TPM		
Controller	Infineon SLB9670VQ2.0	
I/O Ports		
RS232	2	
GLAN	2	
USB	2	
Storage		
Storage	1 x SATA 3.0	
Expansion		
M.2	1 x M.2 M key (PCI e Gen x 4 NVMe) 2280 1 x M2 B Key (PCI e x 1 , USB 2.0 w/NANO SIM Holder SATA 3.0) 2242/3042 1 x M.2 E key (PCI e x 1, USB 2.0) 2230	
Power Requirement		
Power Requirement	DC in 12 ~ 24V (OCP & OVP)	
Touch Screen		
Touch Screen	PCT	5W (one touch)



OS support			
OS support		Win Pro 10 / Window 10 IoT / Linux Kernel 5.4 Ubuntu LTS	
Display			
Size		12.1" TFT (4:3)	
Resolution		1024 x 768	
Colors		16.7M	
Luminance		350 cd/m ²	
Contrast Ratio		800 : 1	
View Angle (H/V)		160°/160°	
Mechanical & Environmental			
Heatsink		Back side	
I/O ports		Back side	
Operation Temp.		-20 ~ 60°C	
Storage Humidity		10 ~ 90%, non-condensing	
Mount		VESA mount (100 x 100 mm) & Yoke mount	
Dimension (WxHxD)		347 x 276 x 65 mm	
Weight		TBD	
Optional			
P/N: 3100400001		External antenna (WIFI)	
P/N: 2351206003		Full IP65 Waterproof Power adaptor with European power cord (60W / 90 ~ 295V AC input / 12V DC output)	
P/N: 2352406011		Full IP65 Waterproof Power adaptor with European power cord (60W / 90 ~ 295V AC input / 24V DC output)	
P/N: 2351206004		Full IP65 Waterproof Power adaptor with US power cord (60W / 90 ~ 295V AC input / 12V DC output)	
P/N: 2352406012		Full IP65 Waterproof Power adaptor with US power cord (60W / 90 ~ 295V AC input / 24V DC output)	
P/N: 2320000001		Optical Bonding	
P/N: 2340000006		HDMI port	
P/N: 3120400001		RFID Reader RS232 interface (13.56 MHz standard and 125KHz, Up to 50 mm at 5V ~ 18V)	
P/N: 302A17006C		1600 cd/m ² High Brightness 12.1" LCD panel 1024 x 768 dpi	
Optional HB Panel		IP122P104/106K	IP122R104/106K
Resolution		1024 x 768	
Color		16.7M	
Luminance		1000 cd/m ²	
Contrast Ratio		800 : 1	
Viewing Angle (H/V)		160°/160°	
Order information			
IP122P104W04128	12.1" wide temp stainless steel panel PC, Intel i3 1115GRE processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	IP122P104K04128	12.1" wide temp stainless steel panel PC, Intel i3 1115GRE processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter,1000nit



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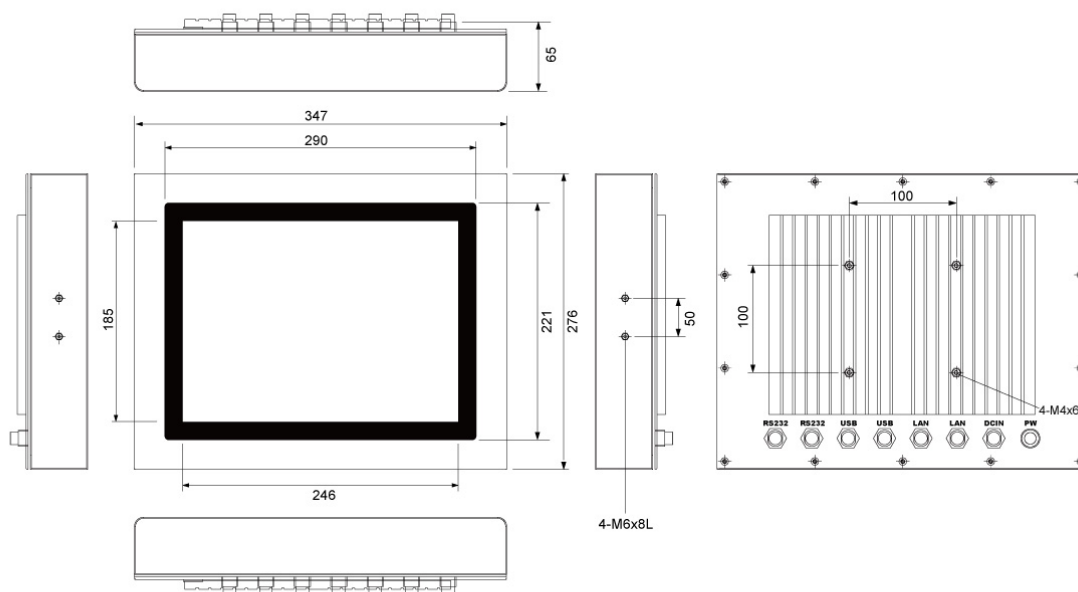
IP122P106W04128	12.1" wide temp stainless steel panel PC, Intel i7 1185GRE processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	IP122P106K04128	12.1" wide temp stainless steel panel PC, Intel i7 1185GRE processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter,1000 nit
IP122R104W04128	12.1" wide temp stainless steel panel PC, Intel i3 1115GRE processor, True flat 5W resistive, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	IP122R104K04128	12.1" wide temp stainless steel panel PC, Intel i3 1115GRE processor, True flat 5W resistive, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter,1000nit
IP122PR106W04128	12.1" wide temp stainless steel panel PC, Intel i7 1185GRE processor, True flat 5W resistive, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	IP122PR106K04128	12.1" wide temp stainless steel panel PC, Intel i7 1185GRE processor, True flat 5W resistive, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit

**Specifications are subject to change without notice.

Dimension

- IP122P104/106W, IP122R104/106W

Unit : mm



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