

11th Gen 15", 17", 19"

6 Sides Full IP65 Stainless Touch IPC

Features

- Fanless and rugged design
- 11th Gen Intel® Core™ Celeron 6305E / i3 1115G4E / i5 1145G7E / i7 1185G7E processors
- Resolution 1024 x 768 dpi / 1280x 1024 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.	IP150P103/104/105/106S	IP150R103/104/1057/106S	IP170P103/104/105/106S	IP170R103/104/105/106S	IP190P103/104/105/106S	IP190R103/104/105/106S
System						
CPU	11 th Gen Intel® Core™ Celeron 6305E / i3 1115G4E / i5 1145G7E / i7 1185G7E 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)	PCT	5W (one touch)	PCT	5W(one touch)
OS support						
OS support	Win Pro 10 / Window 10 IoT / Linux Kernel 5.4 Ubuntu LTS					
Display						
Size	15" TFT (4:3)		17" TFT (4:3)		19" TFT (4:3)	
Resolution	1024 x 768		1280 x 1024		1280 x 1024	
Colors	16.2M		16.7M		16.7M	
Luminance	400 cd/m ²		350 cd/m ²		350 cd/m ²	
Contrast Ratio	700:1		1000:1		1000:1	
View Angle (H/V)	160°/160°		140°/170°		170°/160°	
Mechanical & Environmental						
Heatsink	Back side					
I/O ports	Back side					
Operation Temp.	0 ~ 45°C					
Storage Humidity	10 ~ 90%, non-condensing					
Mount	VESA mount (100 x 100mm) & Yoke mount					
Dimension (WxHxD)	438 x 335 x 75 mm		470 x 390 x 75 mm		521 x 434 x 75 mm	
Weight	TBD		TBD		TBD	
Optional						
P/N: 3100400001	External antenna (WIFI)					
	5GB LTE module					
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: 302A170051	1600 cd/m ² High Brightness 15" LCD panel 1024 x 768 dpi					
P/N: 302A170051	1600 cd/m ² High Brightness 17" LCD panel 1280 x 1024 dpi					
Optional HB Panel	IP150P103/104/105/106J	IP150R103/104/105/106J	IP170P103/104/105/106J	IP170R103/104/105/106J	IP190P103/104/105/106J	IP190R103/104/105/106J
Resolution	1024 x 768		1280 x 1024		1280 x 1024	
Color	16.2M		16.7M		16.7M	
Luminance	1000 cd/m ²		1000 cd/m ²		1000 cd/m ²	
Contrast Ratio	2000 : 1		1000 : 1		1000 : 1	
Viewing Angle (H/V)	176°/176°		170°/165°		170°/160°	



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Order information			
IP150P103S04128	15" stainless steel panel PC, Intel Celeron 6305E processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	IP150P103J04128	15" stainless steel panel PC, Intel Celeron 6305E processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit
IP150P104S04128	15" stainless steel panel PC, Intel i3 1115G4E processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	IP150P104J04128	15" stainless steel panel PC, Intel i3 1115G4E processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit
IP150P105S04128	15" stainless steel panel PC, Intel i5 1145G7E processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	IP150P105J04128	15" stainless steel panel PC, Intel i5 1145G7E processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit
IP150P106S04128	15" stainless steel panel PC, Intel i7 1185G7E processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	IP150P106J04128	15" stainless steel panel PC, Intel i7 1185G7E processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit
IP150R103S04128	15" stainless steel panel PC, Intel Celeron 6305E processor, True flat 5W resistive, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	IP150R103J04128	15" stainless steel panel PC, Intel Celeron 6305E processor, True flat 5W resistive, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit
IP150R104S04128	15" stainless steel panel PC, Intel i3 1115G4E processor, True flat 5W resistive, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	IP150R104J04128	15" stainless steel panel PC, Intel i3 1115G4E processor, True flat 5W resistive, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit
IP150R105S04128	15" stainless steel panel PC, Intel i5 1145G7E processor, True flat 5W resistive, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	IP150R105J04128	15" stainless steel panel PC, Intel i5 1145G7E processor, True flat 5W resistive, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit
IP150R106S04128	15" stainless steel panel PC, Intel i7 1185G7E processor, True flat 5W resistive, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	IP150R106J04128	15" stainless steel panel PC, Intel i7 1185G7E processor, True flat 5W resistive, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit
IP170P103S04128	17" stainless steel panel PC, Intel Celeron 6305E processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	IP170P103J04128	17" stainless steel panel PC, Intel Celeron 6305E processor, True flat PCT, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit



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**Specifications are subject to change without notice.			



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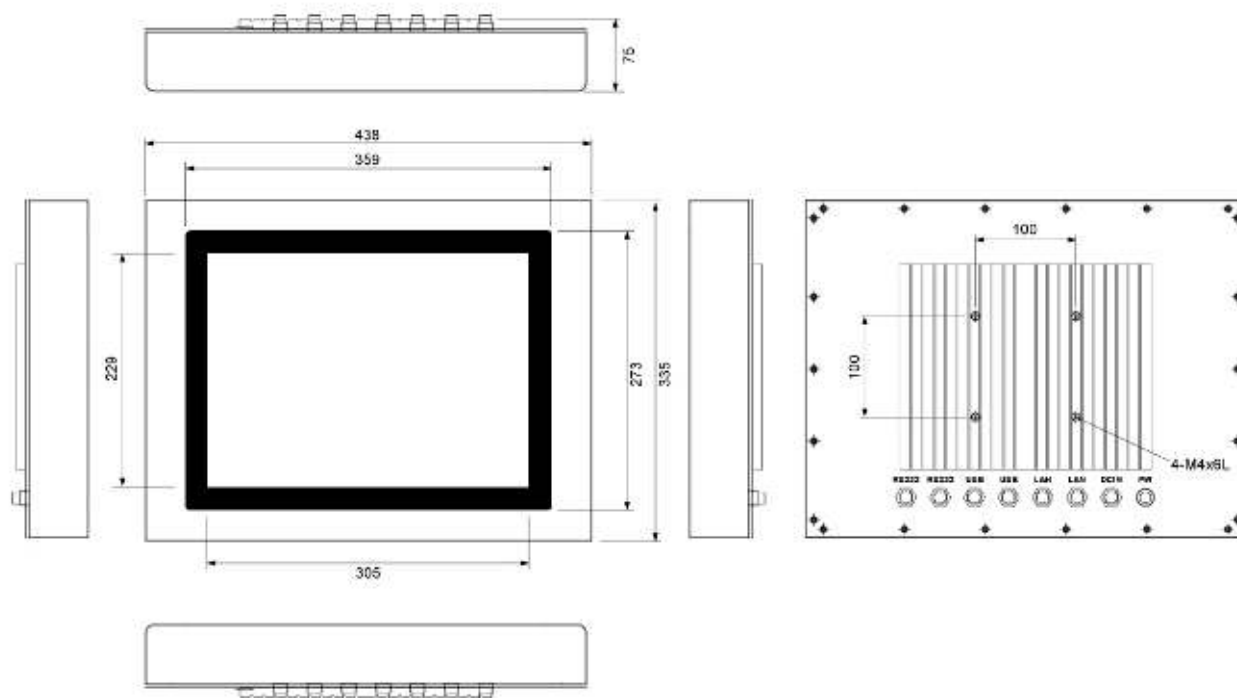
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Dimension

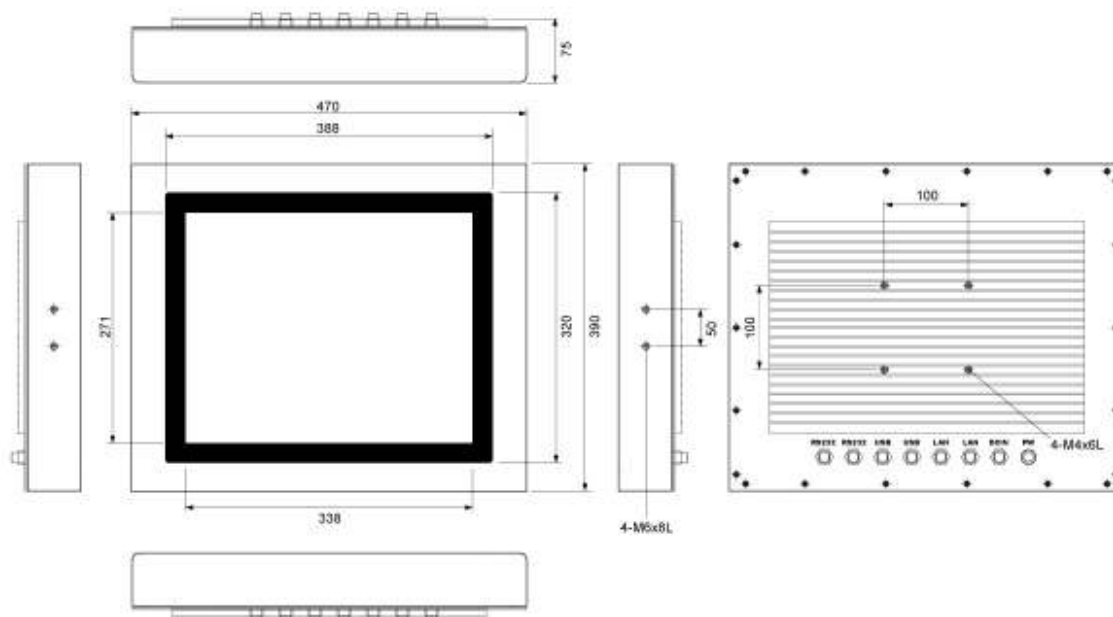
- IP150P103/104/105/106S, IP150R103/104/105/106S

Unit : mm



- IP170P075/076/077S, IP170R075/076/077S

Unit : mm



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