

11th Gen 15", 17", 19"

Front IP65 Silver Aluminum Touch IPC

Features

- Fanless and rugged design
- Wide temperature & sunlight readable solution
- 11th Gen Intel® Core™ i3 1115GRE / i7 1185GRE processors
- Resolution 1024 x 768 dpi / 1280 x 1024 dpi
- 5 Wires Resistive touch solution
- IP65 Silver Aluminum front bezel
- 4 x USB 3.2, 2 x RS232/422/485, 2 x GLAN, 1 x HDMI, 1 x DP
- VESA mount & Panel mount & Clip mount



Specifications

Model No.	SP150R104/106W	SP170R104/106W	SP190R104/106W
System			
CPU	11 th Gen Intel® Core™ i3 1115GRE / i7 1185G7RE 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			
RS232/422/485	2		
HDMI	1		
DP	1		
USB 3.2	4		
GLAN	2		
GPIO	16 bits (8 x GPI , 8 x GPO), 5V , 2 x D- SUB connectors		
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	3 Pin power terminal block for DC in 12 ~ 24V(OCP & OVP)		
Touch Screen			
Touch Screen	5 Wires Resistive (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	250 cd/m ²



Contrast Ratio	700:1	1000:1	1000:1
View Angle (H/V)	160°/160°	140°/170°	170°/160°
Mechanical & Environmental			
Operation Temp.	-20 ~ 60°C		
Storage Humidity	10 ~ 90%, non-condensing		
Mounting	VESA mount (100 x 100mm) & Panel mount & Clip mount		
Dimension (WxHxD)	401 x 304 x 70 mm	453 x 352 x 72 mm	487 x 377 x 75 mm
Weight	5.7 kg	6.7 kg	8.7 kg
Optional			
P/N: 2390000003	External antenna (WIFI)		
P/N: 302A17005A	1600 cd/m ² High Brightness 15" LCD panel 1024 x 768 dpi		
P/N: 302A17005B	1600 cd/m ² High Brightness 17" LCD panel 1280 x 1024 dpi		
P/N: 2320000001	Optical Bonding		
P/N: 239SP17002	10pcs x Clips		
P/N: 3011100010	Waterproof sponge		
Optional HB Panel	SP150R104/106K	SP170R104/106K	SP190R104/106K
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°
Ordering Information			
SP150R104W04128	15" wide temp panel PC, Intel i3 1115GRE, 4GB DDR4 So-DIMM, M.2 128GB SSD. DC in power adapter	SP150R103K04128	15" wide temp panel PC, Intel i3 1115GRE, 4GB DDR4 So-DIMM, M.2 128GB SSD. DC in power adapter, 1000nit
SP150R106W04128	15" wide temp panel PC, Intel i7 118GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	SP150R105K04128	15" wide temp panel PC, Intel i7 118GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit
SP170R104W04128	17" wide temp panel PC, Intel i3 1115GRE, 4GB DDR4 So-DIMM, M.2 128GB SSD. DC in power adapter	SP150R106K04128	17" wide temp panel PC, Intel i3 1115GRE, 4GB DDR4 So-DIMM, M.2 128GB SSD. DC in power adapter, 1000nit
SP170R106W04128	17" wide temp panel PC, Intel i7 118GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	SP170R104K04128	17" wide temp panel PC, Intel i7 118GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit
SP190R104W04128	19" wide temp panel PC, Intel i3 1115GRE, 4GB DDR4 So-DIMM, M.2 128GB SSD. DC in power adapter	SP170R105K04128	19" wide temp panel PC, Intel i3 1115GRE, 4GB DDR4 So-DIMM, M.2 128GB SSD. DC in power adapter, 1000nit
SP190R106W04128	19" wide temp panel PC, Intel i7 118GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter	SP190R103K04128	19" wide temp panel PC, Intel i7 118GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit
**Specifications are subject to change without notice.			



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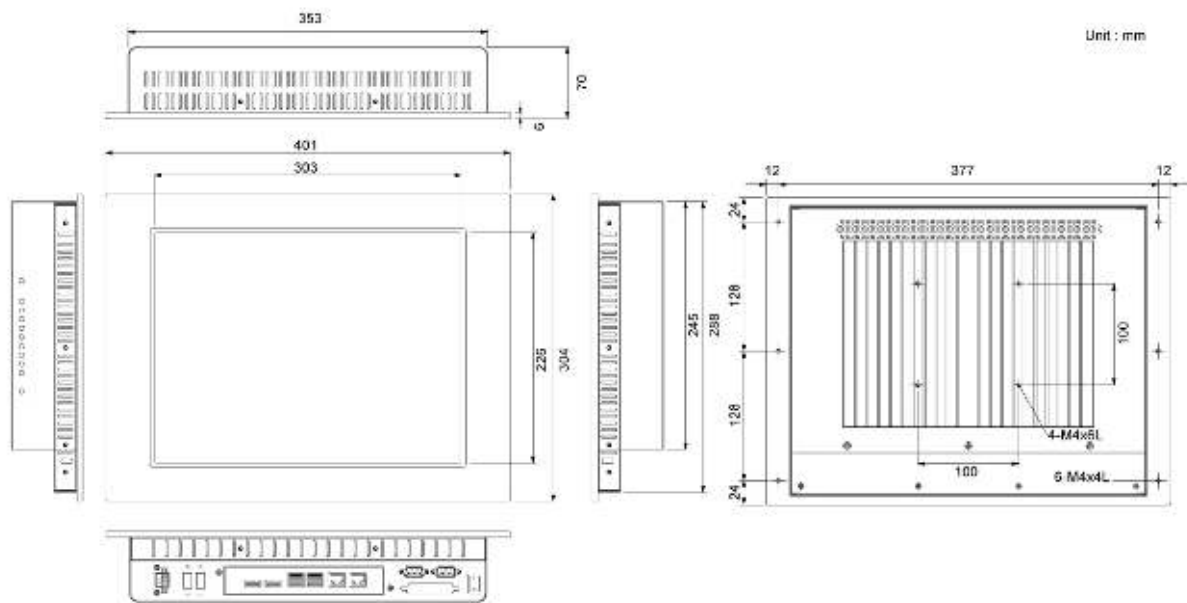
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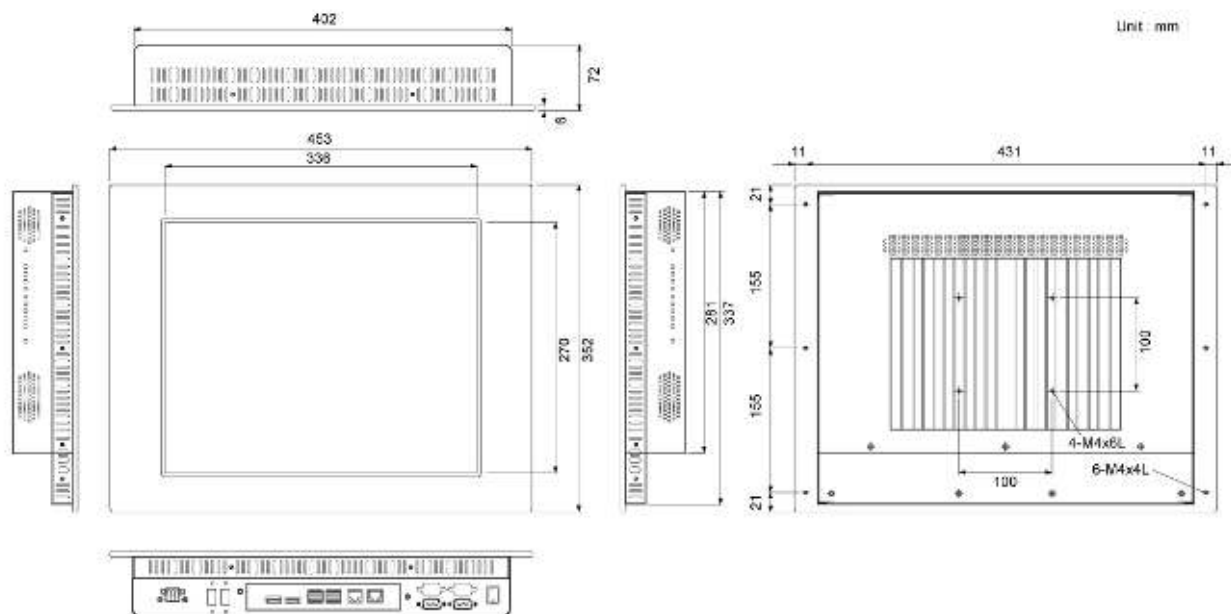


Dimension

- SP150R104/106W



- SP170R104/106W



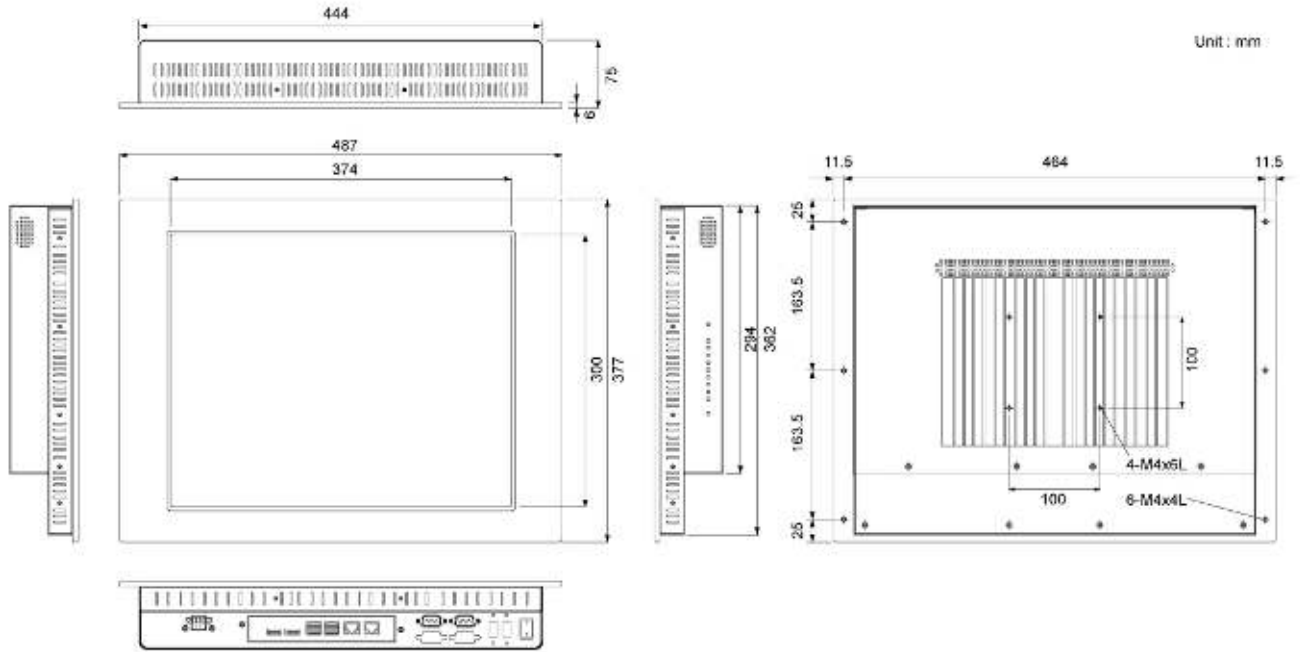
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● SP190R104/106W



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