

## 11<sup>th</sup> Gen 15.6", 18.5"

### Front IP65 Silver Aluminum Touch IPC

#### Features

- Fanless and rugged design
- Wide temperature & sunlight readable solution
- 11<sup>th</sup> Gen Intel® Core™ i3 1115GRE/ i7 1185GRE processors
- Resolution : 1920 x 1080 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.	SP157R104/106W	SP186R104/106W
<b>System</b>		
<b>CPU</b>	11 <sup>th</sup> Gen Intel® Core™ i3 1115GRE/ i7 1185GRE processors	
<b>Memory</b>	2 x 260-pin DDR4 3200MHz SODIMM up to 64 GB	
<b>H/W Monitor</b>		
<b>H/W Monitor</b>	Watch Dog Timer 256 Level	
<b>TPM</b>		
<b>Controller</b>	Infineon SLB9670VQ2.0	
<b>I/O Ports</b>		
<b>RS232/422/485</b>	1	
<b>HDMI</b>	1	
<b>GLAN</b>	2	
<b>DP</b>	1	
<b>USB 3.2</b>	4	
<b>GPIO</b>	16 bits ( 8 x GPI , 8 x GPO), 5V , 2 x D- SUB connectors for 12.1"	
<b>Storage</b>		
<b>Storage</b>	1 x SATA 3.0	
<b>Expansion</b>		
<b>M.2</b>	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	
<b>Power Requirement</b>		



<b>Power Requirement</b>	3 Pin power terminal block for DC in 12 ~ 24V ( OCP & OVP)		
<b>Touch Screen</b>			
<b>Touch Screen</b>	5 Wires Resistive (one touch)		
<b>OS support</b>			
<b>OS support</b>	Win Pro 10 / Window 10 IoT / Linux Kernel 5.4 Ubuntu LTS		
<b>Display</b>			
<b>Size</b>	15.6"	18.5"	
<b>Resolution</b>	1920 x 1080 dpi	1920 x 1080 dpi	
<b>Colors</b>	16.2M	16.2M	
<b>Luminance</b>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	
<b>Contrast Ratio</b>	500 : 1	500 : 1	
<b>View Angle (H/V)</b>	140°/120°	140°/120°	
<b>Mechanical &amp; Environmental</b>			
<b>Operation Temp.</b>	-10°C ~ 60°C	-20°C ~ 60°C	
<b>Storage Humidity</b>	10 ~ 90%, non-condensing		
<b>Mounting</b>	VESA mount (100 x 100mm) & Panel mount & Clip mount		
<b>Dimension (WxHxD)</b>	454 x 272 x 74 mm	483 x 318 x 71 mm	521 x 317 x 71 mm
<b>Weight</b>	TBD	TBD	6 kg
<b>Optional</b>			
<b>P/N: 2390000003</b>	external antenna ( WIFI )		
<b>P/N: 2320000001</b>	Optical Bonding		
<b>P/N: 239SP17002</b>	10pcs x Clips		
<b>P/N: 3011100010</b>	Waterproof sponge		
<b>Optional HB Panel</b>			
<b>Resolution</b>	1920 x 1080 dpi	1920 x 1080 dpi	
<b>Colors</b>	16.2M	16.2M	
<b>Luminance</b>	1000 cd/m <sup>2</sup>	1000 cd/m <sup>2</sup>	
<b>Contrast Ratio</b>	500 : 1	500 : 1	
<b>View Angle (H/V)</b>	140°/120°	140°/120°	
<b>Ordering Information</b>			
<b>SP157R104W04128</b>	15.6" wide temp panel PC, Intel i3 1115GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi		
<b>SP157R106W04128</b>	15.6" wide temp panel PC, Intel i7118GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi		
<b>SP186R104W04128</b>	18.5" wide temp panel PC, Intel i3 1115GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi,		
<b>SP186R106W04128</b>	18.5" wide temp panel PC, Intel i7118GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi		
<b>SP157R104K04128</b>	15.6" wide temp panel PC, Intel i3 1115GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi, 1000 nit.		
<b>SP157R106K04128</b>	15.6" wide temp panel PC, Intel i7118GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi , 1000 nit.		
<b>SP186R104K04128</b>	18.5" wide temp panel PC, Intel i3 1115GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi, 1000 nit.		



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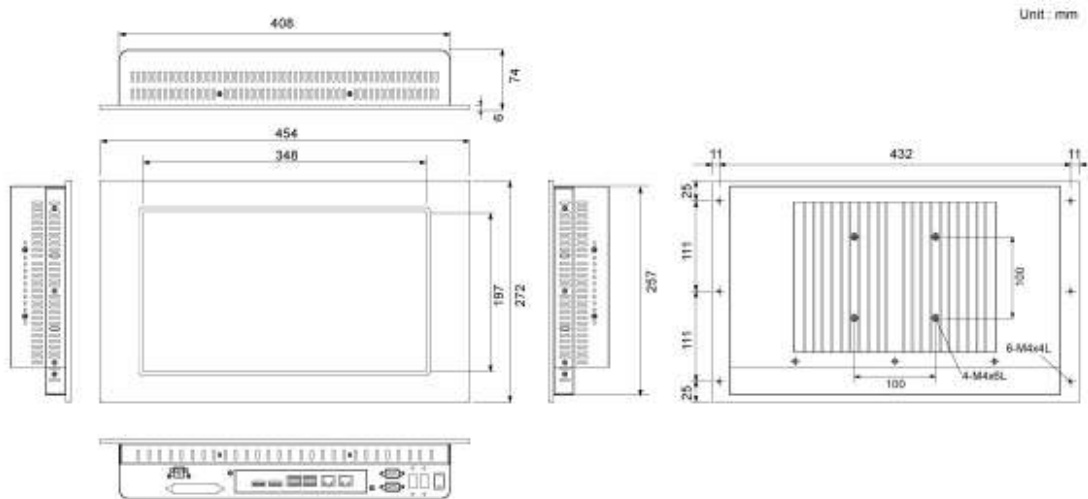


SP186R106K04128	18.5" wide temp panel PC, Intel i7118GRE, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi, 1000 nit.
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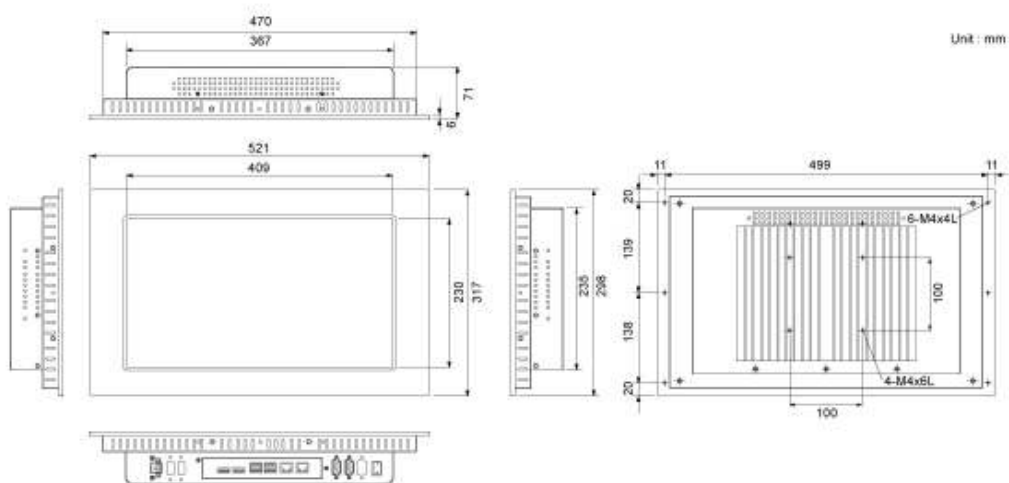
\*\*Specifications are subject to change without notice.

## Dimension

- SP157R104/106W



- SP186R104/106W



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