

11th Gen 15.6", 17.3", 18.5"
Front IP65 Silver Aluminum Touch IPC

Features

- Fanless and rugged design
- 11th Gen Intel® Core™ Celeron 6305E / i3 1115G4E / i5 1145G7E / i7 1185G7E processors
- Resolution 1366 x 768 dpi / 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.	SP156R103/104/105/106S	SP157R103/104/105/106S	SP173R103/104/105/106S	SP185R103/104/105/106S	SP186R103/104/105/106S
System					
CPU	11 th Gen Intel® Core™ Celeron 6305E(103)/ i3 1115G4E(104)/ i5 1145G7E(105) / i7 1185G7E CPU (On Board)				
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				
GLAN	2				
DP	1				
USB 3.2	4				
GPIO	16 bits (8 x GPI , 8 x GPO), 5V , 2 x D- SUB connectors for 12.1"				
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	15.6" TFT (16:9)		17.3" TFT (16:9)	18.5" TFT (16:9)	
Resolution	1366 x 768	1920 x 1080	1920 x 1080	1366 x 768	1920 x 1080
Colors	16.7M	16.2M	16.7M	16.7M	16.2M
Luminance	300 cd/m ²	400 cd/m ²	400 cd/m ²	300 cd/m ²	400 cd/m ²
Contrast Ratio	500 : 1	500 : 1	600 : 1	500 : 1	500 : 1
View Angle (H/V)	170°/165°	140°/120°	160°/140°	170°/165°	140°/120°
Mechanical & Environmental					
Operation Temp.	0 ~ 45°C				
Storage Humidity	10 ~ 90%, non-condensing				
Mounting	VESA mount (100 x 100mm) & Panel mount & Clip mount				
Dimension (WxHxD)	454 x 272 x 74 mm		483 x 318 x 71 mm	521 x 317 x 71 mm	
Weight	TBD		TBD	6 kg	
Optional					
P/N: 2390000003	external antenna (WIFI)				
P/N: 2320000001	Optical Bonding				
P/N: 239SP17002	10pcs x Clips				
P/N: 3011100010	Waterproof sponge				
Ordering Information					
SP156R103S04128	15.6" panel PC, Intel Celeron 6305E, 4GB DDR4 So-DIMM, M.2 128GB SSD. DC in power adapter, 1366 x 768 dpi				
SP156R104S04128	15.6" panel PC, Intel i3 1115G4E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1366 x 768 dpi				
SP156R105S04128	15.6" panel PC, Intel i5 1145G7E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1366 x 768 dpi				
SP156R106S04128	15.6"panel PC, Intel i7118G7E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1366 x 768 dpi				
SP157R103S04128	15.6" panel PC, Intel Celeron 6305E, 4GB DDR4 So-DIMM, M.2 128GB SSD. DC in power adapter, 1920 x 1080 dpi				
SP157R104S04128	15.6" panel PC, Intel i3 1115G4E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi				
SP157R105S04128	15.6" panel PC, Intel i5 1145G7E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi				
SP157R106S04128	15.6"panel PC, Intel i7118G7E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi				
SP173R103S04128	17.3" panel PC, Intel Celeron 6305E, 4GB DDR4 So-DIMM, M.2 128GB SSD. DC in power adapter, 1920 x 1080 dpi				
SP173R104S04128	17.3" panel PC, Intel i3 1115G4E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi				
SP173R105S04128	17.3" panel PC, Intel i5 1145G7E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi				
SP173R106S04128	17.3" panel PC, Intel i7118G7E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi				
SP185R103S04128	18.5" panel PC, Intel Celeron 6305E, 4GB DDR4 So-DIMM, M.2 128GB SSD. DC in power adapter, 1366 x 768 dpi				
SP185R104S04128	18.5" panel PC, Intel i3 1115G4E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1366 x 768 dpi				
SP185R105S04128	18.5" panel PC, Intel i5 1145G7E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1366 x 768 dpi				
SP185R106S04128	18.5" panel PC, Intel i7118G7E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1366 x 768 dpi				
SP186R103S04128	18.5" panel PC, Intel Celeron 6305E, 4GB DDR4 So-DIMM, M.2 128GB SSD. DC in power adapter, 1920 x 1080 dpi				



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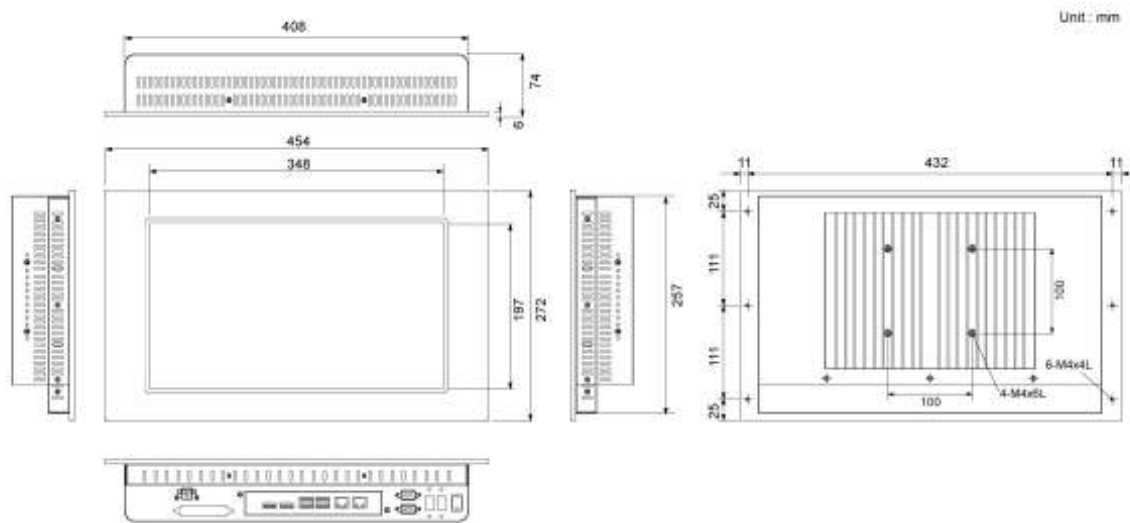


SP186R104S04128	18.5" panel PC, Intel i3 1115G4E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi
SP186R105S04128	18.5" panel PC, Intel i5 1145G7E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi
SP186R106S04128	18.5" panel PC, Intel i7118G7E, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1920 x 1080 dpi

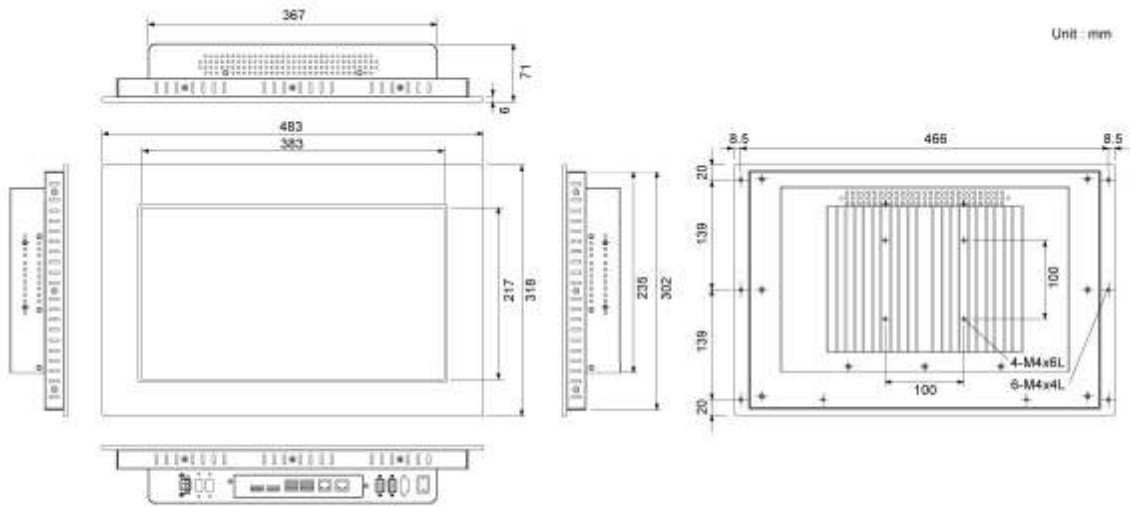
**Specifications are subject to change without notice.

Dimension

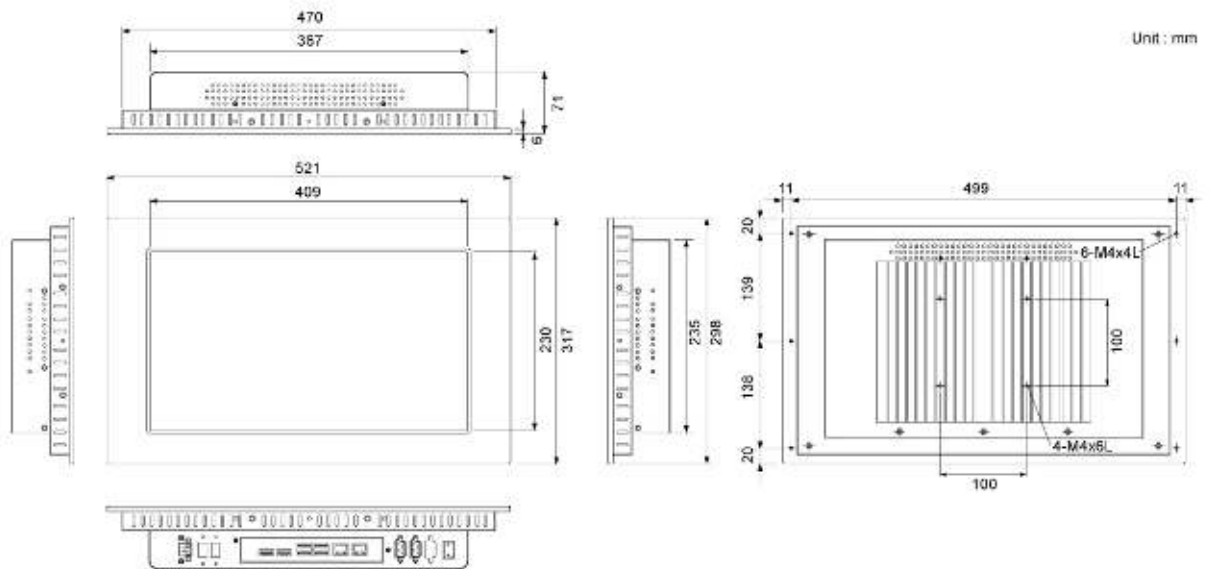
- **SP156R075/076/077S, SP157R075/076/077S**



- SP173R075/076/077S



- SP185R075/076/077S, SP186R075/076/077S





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