

## 11<sup>th</sup> Gen 10.4", 12.1" Front IP66 Silver Aluminum Touch IPC



### Features

- Fanless and rugged design
- Wide temperature & sunlight readable solution
- 11<sup>th</sup> Gen Intel® Core™ Celeron i3 1115GRE / i7 1185GRE processors
- DDR4 So-DIMM slot up to 64GB
- Resolution 1024 x 768 dpi
- True Flat PCT / 5 Wires Resistive touch solution
- IP66 Silver Aluminum front bezel
- 4 x USB, 2 x RS232/422/485, 2 x GLAN, 1 x HDMI, 1 x DP
- VESA mount & Panel mount & Clip mount



### Specifications

Model No.	TP105P104/106W	TP105R104/106W	TP122P104/106W	TP122R104/106W
<b>System</b>				
CPU	11 <sup>th</sup> Gen Intel® Core™ Celeron i3 1115GRE / i7 1185GRE processors			
Memory	2 x 260-pin DDR4 3200MHz SODIMM up to 64 GB			
<b>H/W Monitor</b>				
H/W Monitor	Watch Dog Timer 256 Level			
<b>TPM</b>				
Controller	Infineon SLB9670VQ2.0			
<b>I/O Ports</b>				
RS232/422/485			2	
GLAN			2	
USB 3.2			4	
HDMI			1	
DP			1	
GPIO	16 bits ( 8 x GPI , 8 x GPO), 5V , 2 x D- SUB connectors			
<b>Storage</b>				
Storage	1 x SATA 3.0			
<b>Expansion</b>				
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			
<b>Power Requirement</b>				



<b>Power Requirement</b>	2 Pin power terminal block for DC in 12V ~ 24V( OCP & OVP)			
<b>Touch Screen</b>				
<b>Touch Screen</b>	PCT	5W (one touch)	PCT	5W (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>	10.4" TFT (4:3)		12.1" TFT (4:3)	
<b>Resolution</b>	1024 x 768		1024 x 768	
<b>Colors</b>	16.7M		16.7M	
<b>Luminance</b>	350 cd/m <sup>2</sup>		350 cd/m <sup>2</sup>	
<b>Contrast Ratio</b>	900 : 1		800 : 1	
<b>View Angle (H/V)</b>	150°/150°		160°/160°	
<b>Mechanical &amp; Environmental</b>				
<b>Operation Temp.</b>	-20 ~ 60°C			
<b>Storage Humidity</b>	10 ~ 90%, non-condensing			
<b>Mounting</b>	VESA mount ( 75 x 75 mm ) & Panel mount & Clip mount			
<b>Dimension (WxHxD)</b>	297 x 240 x 59 mm		332 x 262 x 63 mm	
<b>Weight</b>	TBD		2.8 kg	
<b>Optional</b>				
<b>P/N: 2390000003</b>	external antenna ( WIFI )			
<b>P/N: 2320000001</b>	Optical Bonding			
<b>P/N: 302A17006A</b>	1600 cd/m <sup>2</sup> High Brightness 10.4" LCD panel 1024 x 768 dpi			
<b>P/N: 302A17006C</b>	1600 cd/m <sup>2</sup> High Brightness 12.1" LCD panel 1024 x 768 dpi			
<b>P/N: 239SP17002</b>	8pcs x Clips			
<b>P/N: 3080212003</b>	1 x RS232/422/485			
<b>P/N: 3011100010</b>	Waterproof sponge			
<b>Optional HB Panel</b>	<b>TP105P104/106K</b>	<b>TP105R104/106K</b>	<b>TP122P104/106K</b>	<b>TP122R104/106K</b>
<b>Resolution</b>	1024 x 768		1024 x 768	
<b>Color</b>	16.7M		16.7M	
<b>Luminance</b>	1000 cd/m <sup>2</sup>		1000 cd/m <sup>2</sup>	
<b>Contrast Ratio</b>	900 : 1		800 : 1	
<b>Viewing Angle (H/V)</b>	150°/150°		160°/160°	
<b>Ordering Information</b>				
<b>TP104P104W04128</b>	10.4" wide temp panel PC, Intel i3 1115GRE, true flat PCT, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter		<b>TP104P104K04128</b>	10.4" wide temp panel PC, Intel i3 1115GRE, true flat PCT, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit
<b>TP106P106W04128</b>	10.4" wide temp panel PC, Intel i7 1185GRE, true flat PCT, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter		<b>TP106P106K04128</b>	10.4" wide temp panel PC, Intel i7 1185GRE, true flat PCT, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000nit



**Kingdy Technology Inc.**

No. 8, Ln. 25, Zhongban Rd., Zhonghe Dist., New Taipei City 23556, Taiwan

Tel : +886-2-3234-6288 Fax : +886-2-3234-3199 E-mail : [sales@kingdy.com.tw](mailto:sales@kingdy.com.tw) [www.kingdy.com.tw](http://www.kingdy.com.tw)



<b>TP105R104W04128</b>	10.4" wide temp panel PC, Intel i3 1115GRE, true flat 5W resistive, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter	<b>TP104R104K04128</b>	10.4" wide temp panel PC, Intel i3 1115GRE, true flat 5W resistive, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter,1000nit
<b>TP105R106W04128</b>	10.4" wide temp panel PC, Intel i7 1185GRE, true flat 5W resistive, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter	<b>TP106R106K04128</b>	10.4" wide temp panel PC, Intel i7 1185GRE, true flat 5W resistive, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter,1000nit
<b>TP122P104W04128</b>	12.1" wide temp panel PC, Intel i3 1115GRE, true flat PCT, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter	<b>TP105P104K04128</b>	10.4" wide temp panel PC, Intel i3 1115GRE, true flat PCT, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter,1000nit
<b>TP122P106W04128</b>	12.1" wide temp panel PC, Intel i7 1185GRE, true flat PCT, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter	<b>TP122P106K04128</b>	12.1" wide temp panel PC, Intel i7 1185GRE, true flat PCT, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter,1000nit
<b>TP122R104W04128</b>	12.1" wide temp panel PC, Intel i3 1115GRE, true flat 5W resistive, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter	<b>TP122R104K04128</b>	12.1" wide temp panel PC, Intel i3 1115GRE, true flat 5W resistive, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter,1000nit
<b>TP122R106SW04128</b>	12.1" wide temp panel PC, Intel i7 1185GRE, true flat 5W resistive, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter	<b>TP122R106K04128</b>	12.1" wide temp panel PC, Intel i7 1185GRE, true flat 5W resistive, 4GB DDR 4 So-DIMM., M.2 128GB SSD, DC in power adapter,1000nit
**Specifications are subject to change without notice.			



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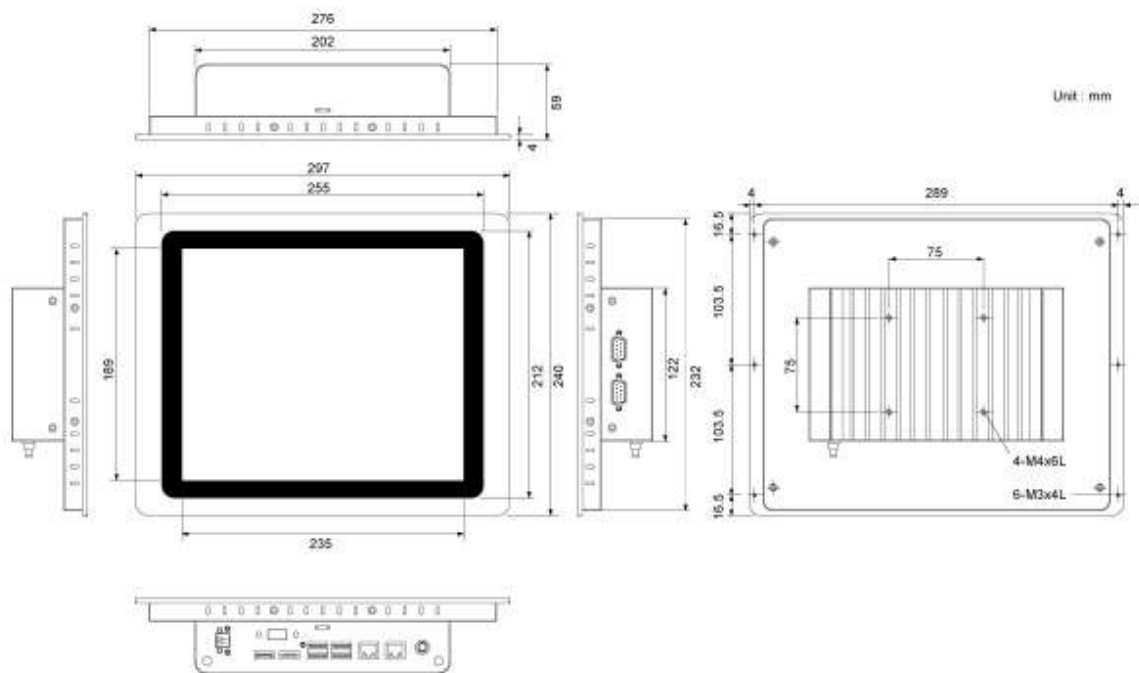
No. 8, Ln. 25, Zhongban Rd., Zhonghe Dist., New Taipei City 23556, Taiwan

Tel : +886-2-3234-6288 Fax : +886-2-3234-3199 E-mail : [sales@kingdy.com.tw](mailto:sales@kingdy.com.tw) [www.kingdy.com.tw](http://www.kingdy.com.tw)

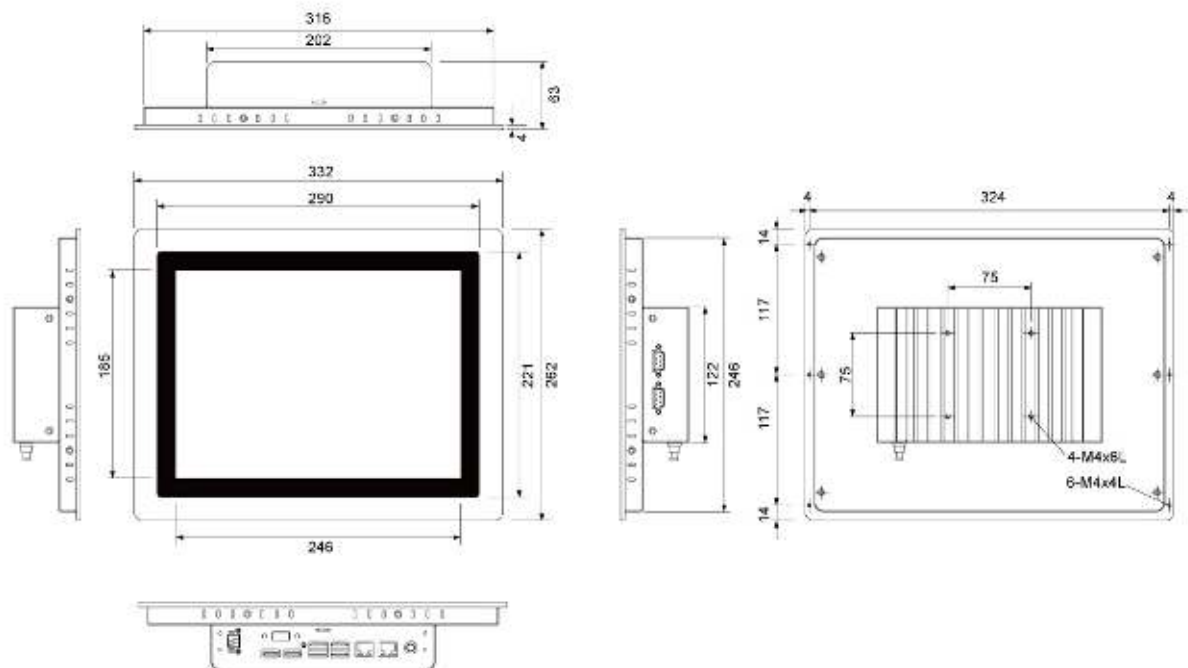


## Dimension

- TP105P104/106W, TP105R104/106W



- TP122P104/106W, TP122R104/106W



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Tel : +886-2-3234-6288

Fax : +886-2-3234-3199

E-mail : [sales@kingdy.com.tw](mailto:sales@kingdy.com.tw)

[www.kingdy.com.tw](http://www.kingdy.com.tw)

