

Technical Doc. :	ST_PTSC104-STW_R010.docx
Equipment:	PTSC104-STW
Revision :	1.0



Model: PTSC104-STW - Full IP67 Stainless Steel Panel PC 10.4 Inch With i3-4010u and 1000 Nits

1. Full material is sturdy and durables stainless steel.
2. 10.4 inch industrial TFT LCD panel with wide viewing angle, high nits and true color.
3. Adopt 5 wires resistive touch screen.
4. Mainboard is high performance with 7x24 continuous operation.
5. Full sealed and fanless design with full IP67 waterproof and dustproof.

System	
CPU	Intel® celeron J1900,dual core,1.7GHz
CPU Optional	Intel Core i3/i5/i7
Memory	4G DDR3, (2G ,8G optional)
Hard Drive Capacity	64G SSD
Hard Drive Optional	SSD: 32G,128GB,256GB HDD: 500GB,1TB
Graphics	CPU Integrated graphics HD Graphics and support 1080p HD photo quality
Audio	Realtek ALC662, High Definition Audio (HD), Line in, Line out
Network	Onboard Realtek RTL 8111E Gigabit Ethernet controller
Wireless Network	WIFI
I/O Interface	4*USB+2*LAN+1*RS232

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Operation System	Support Windows 7/8/10, Linux, Ubuntu, Debian etc.
LCD panel	
Panel size	10.4"
Resolution	1024x768
Aspect ratio	4:3
Support Color	16.7M colors
Brightness (cd/m ²)	1000 nits, sunlight readable (400 nits optional)
Response time	10ms
Contrast ratio	1000:1
View angle	80/80/80/80 (R/L/U/D)
Touch panel	
Touchscreen Type	10 point capacitive touch
Touch Interface	USB (RS232 optional)
Touch response time	<8ms
Luminousness	90%
Surface Hardness	7H
Working Life	>50 million times
Touch options	(5 wire resistive touch optional)
Power Supply	
External Power Supply	AC 100 - 240V
Working voltage	12V (9-36V wide voltage optional)
Power consumption	≤45W
Enclosure	
Material	stainless steel case
Color	Silver
VESA mounting	75×75mm/100×100mm
IP-grade	Full IP67
Operating Environment	
Temperature Range	operating: -10 to 60°C, storage : -20 to 80°C

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Relative humidity	5%~95% @ 40° C, non-condensing
Vibration	5-500 Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
Packing Details	
Net weight	4.5KG
Gross weight	5.5KG
Product Dimension	26.14×20.86×4.4cm
Packing size	44×35×17 cm
Accessories	Power adapter,waterproof RS232/LAN/USB cable,power cord
Other	
Mounting (options)	1) provide wall bracket for wall-mounting, VESA 100×100mm 2) provide stable metal holder to support the monitor
Certificates	CE,FCC,RoHs
Warranty	12 months warranty

