

Technical Doc. :	ST_PTPM SERIES_R014.docx
Equipment:	PTSC-PM-SERIES
Revision :	1.4



Model: PTSC-PM SERIES – PANEL PC All in One da 8”-10.1”10.4”-11.6”-12.1”-13.3”-15”-15.6”-17”-17.3”-19.1”-21.5”-23.8”, montabili a pannello, sono nati per ambienti industriali, dove è necessario un elevato grado di robustezza e di affidabilità; sono costituiti da display grafici a colori con schermo capacitivo multitouch, studiato per offrire all’utente la possibilità di interagire con il sistema in modo autonomo e intuitivo.

System

CPU	Intel® Celeron J4125, quad core, 2.0GHz, fanless
CPU Optional	Intel Core i3/i5/i7 RK3568 with 4GB RAM + 32GB ROM
Chipset	Intel ValleyView SSA-CUnit
Memory	2G DDR3 (4G, 8G, 16G optional)
Hard Drive Capacity	32G SSD
Hard Drive Optional	SSD: 64G, 128GB, 256GB, 512GB 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	1xRealtek RTL 8111E Gigabit Ethernet controller
Wireless Network	WIFI 802.11 a/b/g/n 2xUSB 2.0, 1xCOM RS232
I/O Interface	1xVGA/HDMI/RJ45/Audio OUT/MIC IN/POWER DC
Operation System	Windows 10 IoT, Support Windows 7/8/10, Linux, Android 11

LCD panel

Panel size	Resolution	Aspect ratio
8"	1024*768	4:3
10.1"	1280*800	16:10
10.4"	1024*768	4:3
12"	1024*768	4:3
11.6" -13.3"	1920*1080	16:9
15"	1024*768	4:3
15.6"	1920*1080	16:9
17"	1280*1024	4:3
17.3"	1920*1080	16:9
19.1"	1400*900	16:10
21.5"	1920*1080	16:9
23.8"	1920*1080	16:9

Touch panel

Touchscreen Type	Projected Capacitive Touch (10 points)
Touch Interface	USB (RS232 optional)
Touch response time	5ms
Luminousness	90%
Surface Hardness	7H
Working life	>50 million times
Touch options	5 wire resistive touch

Power Supply

External Power Supply	AC 100-240V
Working voltage	DC 12V
Power consumption	60W~90W

Enclosure

Material	Aluminum Alloy
Color	Silver, Black, white, color can be customized
VESA mounting	75x75mm/100x100mm
IP grade	Front panel IP65 waterproof / Back Panel IP54

Operating Environment

Temperature Range	operating: -10 to 60°C, storage: -20 to 80°C
Relative humidity	5%~90% @ 40° C, non-condensing
Vibration	5-500 Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis

Dimension Details

Panel size	Net weight	Product Dimension
8"	2.3Kg	225.5*185*64.5mm
10.1"	3.5kg	293.6*193.6*48.5mm
10.4"	2.2Kg	288*231*50.5mm
11.6"	2.5Kg	323.7*218.5*50.5mm
13.3"	3.2Kg	340.5*225*50.5mm
15"	4.3Kg	379*300*63.6mm
15.6"	4.8kg	420*269*62mm
17.3"	4.5kg	458*291*62 mm
21.5"	6,9 kg	550*345*63 mm
23.8"	8.5kg	605*376*67mm

Other

- Mounting (options) embedded mounting screws wall mounting brackets (optional)
desk stand holder (optional)
- Warranty 1 year warranty
- Certificate CE, FCC, RoHS