

<b>Technical Doc. :</b>	<b>ST_PTYS-55A_R010.docx</b>
Equipment:	PTYS-55A
Revision :	1.0
Date :	Sept 23, 2019



**Model: PTYS-55A - 55 inch Interactive Android PC  
with Infrared Touch All in One**

1. 4K 3840\*2160 Resolution
2. 10 Points Touching
3. 4MM Tempered Anti Glare Glass
4. Built in Android with Wifi and Bluetooth
5. OPS PC Slot(I3,I5 and I7 as Optional For Choose)
6. Smart Education Software

**System**

CPU	64bit Quad-core 1.2GHz
Memory	2GB DDR3
Storage	8GB EMMC
Decoding Resolution	Support 480P/ 576P/ 1080P/ 2160P
Operation System	Android 6.0
Play Modes	Support timing, loop and spots etc. play modes
Network Support	RJ45, WIFI
Image Format	JPG/BMP/GIF/TIFF/PNG
Video Format	RMVB, FLV, MPEG1/2/4, AVI, WMV, MOV, MP4, TS, etc.
Audio Format	MP3, WMA, AAC, etc.
Media	Support HTML5 Browser, Video/ Music Playback

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Input Interfaces	
Video	DP x1 HDMI x2 VGA x1 Mini YPbPr x1 Mini AV x1 RF x1 Audio x1
Others	USB 2.0 x1(A Type) USB 3.0 x1(A Type) USB for Touch(B Type) RJ45 x1 Fiber interface x1 RS232 x1
Output Interfaces	
Video	Mini AV x1 HDMI x1 Audio 3.5mm x1 Speaker 2x 12W(6Ω)
Others	Multi-language
LCD panel	
Panel size	55"
Resolution	4K 3840*2160
Display Area	1209mm x 680mm
Color Depth	1.07 Billion Colors
Brightness	350 cd/m <sup>2</sup>
Contrast ratio	5000:1
View angle	89°/89°/89°/89° (R/L/U/D)
Touch panel	
Touchscreen Type	10 Points Infrared Touch
Tempered Glass	4mm
Surface Hardness	6H
Response Time	10ms(2points)
Transmittance	92%
Mouse Simulation	Click, Drag, Double Click, Right Click
Touch Method	Fingers, Brushes, Special Pens or Other opaque touch-sensitive media

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<b>Power Supply</b>	
Input voltage	AC100-240v 50/60HZ
Power consumption	≤120W
<b>Enclosure</b>	
Material	Aluminum Alloy Bezel+ SPCC Back Case
Color	Silver Bezel, Black Case
VESA mounting	400x400mm
<b>Operating Environment</b>	
Working temperature	0°C~50°C
Storage temperature	-10°C~60°C
Relative humidity	5-95% (non-condensing)
<b>Packing Details</b>	
Net weight	35 Kgs
Gross weight	40 Kgs
Product dimension	1326.7mm×818.8.2mm×100.5mm
Packing size	1479mm×965mm×225mm
<b>Other</b>	
Warranty	1 year warranty
<b>OPS Option</b>	
CPU	Intel Cherrytrail Series
RAM	DDR3 4G/8G
Storage	HDD 500GB/ SSD 120GB
OS	Windows 10

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