



# PenTouch PTPlus 55



**android 11**

## FEATURES

- Ultra Resolution Output.
- Zero bonding technology for natural writing experience.
- Front audio stereophonic speakers.
- Industrial grade Aluminium frame.
- Multiple signal input HDMI, SPDIF, RS232, AV I/O, Earphone.
- Infrared touch technology for rich writing experience.
- Password Lock protected.
- 500cd/m<sup>2</sup> high brightness.
- Built in Android OS with optional windows 10 OS.
- 4mm protect and anti-scratch glass.

Upgradable To  
**Android 13**

**13**



## TECHNICAL SPECIFICATION

Diagonal Size	55"
Bonding Technology	Zero Bonding
Screen Technology	IPS Technology with LED-backlit LCDs
Aspect Ratio	16:9
Pixel Pitch	0.28(W) x 0.28(H)
Response	4ms
Resolution	3840 x 2160 pixels
Contrast Ratio	15000:1
Brightness(cd/m <sup>2</sup> )	500cd/m <sup>2</sup>
Display Area	1209 (W) X 680. (H) mm
Color	16.7 million colors
View Angle	<b>H:178° V:178°</b>
LED Lifespan	60,000* hours
<b>System</b>	
OS	Android 11 (Upgradable to Android 13)
CPU	Amlogic T982, Quad core ARM Cortex-A55 CPU, 1.9GHz
GPU	Mali-G52 MP2(2EE)
RAM	4GB (Optional 8 GB RAM)
Storage	64GB (Optional & Upgradable upto 128GB)
OSD Language	English
Video Format	PAN, NTSC
Optimum Resolution	3840 x 2160 pixels @ 60 HZ

Support Resolution	3840x2160, 1920x1080, 1680x1050, 1600x1200, 1440x1050, 1360x768,
Video Format	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K
<b>I/O Port</b>	
Rear Input	HDMI2.0 x 2, USB3.0 x 1, USB2.0 x 1, SPDIF x 1, Rs232 x 1, Touch USB x 1, Rj45 Earphone x 1, Coaxial x 1, 2.4G Wi-Fi x 1, (5G Wi-Fi x 1 Optional), 2.4GHz Hotpointx 1, 5GHz Hotpoint x 1, Bluetooth5.0 x 1, AV input x 1, AV output x 1.
Front Input	<b>Optional Port</b> (VGA input, PC audio, YPbPr input x 1, HDMI output, RF tuner, Microphone in, USB3.0 x 2, USB2.0 x 1, HDMI2.0 x 1, Touch USB x 1, Type-C x 1, Light Sensor x 1
<b>Media Format</b>	
Audio	MP3, WMA, WAV, APE, FLAC, AAC, OGG, M4A,3GPP
Video	H.264,VP8, RV, WMV, AVS, H.263, MPEG4
Picture	JPG, BMP, PNG
<b>Touch Features</b>	
Touch Type	Infra-red Touch, 20 Point Touch (Android), 40 Points (Windows)
Glass Hardness	9H (pencil)
Glass Type	4mm Mohs Grade 8, Heat Tempered Glass, Explosion Proof, Anti Glare, etc
Response Time	4ms
Touch Object	All Opaque objects, such as Finger, Stylus Pen etc.
Touch Resolution	32768 x 32768 pixels
Touch Accuracy	1mm
Tracking Rate	4m/s
Scan Rate	200Hz
MTF	60million touch by each points
Minimum Touch Object	≥ 1MM
<b>Audio</b>	
Speaker	2x20W (Stereo) {Optional with 10/15/25-Watt Subwoofer Audio}
<b>OPS PC (Optional)</b>	
CPU	<b>Option :</b> Core i3 / Core i5 / Core i7
RAM	<b>Option :</b> 4GB, 8GB, 16GB
Hard Disk	SSD 128GB~2TB or HDD 500GB~4TB
I/O Port	USB2.0X2, USB3.0X2, MICX1, LINE OUTX1, RJ45X1, VGAX1, HDMIX1
<b>Function Features</b>	
Amazing OSD	Humanity beautiful OSD, Touch control, Floating menu
Multiple Control	Support remote control, RS232, Touch control
Touch OSD	Touch Slide From Bottom To Start The Hidden OSD Menu
20 Points Touch	IR 20 Point Fast Response Touch
Multiple I/O	Support HDMI / VGA / CVBS
<b>Physical Features</b>	
Power	AC 100 ~ 240V / 60-50Hz
Consumption	Max ≤ 200W, Normal ≤ 220W, Standby ≤ 0.5W
Body Material	Silver Aluminium frame, Black metal cover
Color	Silver
Temperature	<b>Work :</b> 0°C ~40°C, <b>Storage :</b> -15° ~ 55°C
Humidity	<b>Work :</b> 20% to 80%, <b>Storage :</b> 20 to 90% (Non Condensing)
Noise	Working Noise <50dBA
Product Dimension	1267.8*87.4*789.9mm (without wall mount bracket or Floor stand set)

Weight	<b>Net Weight: 27KG. Gross Weight: 34KG</b>
Package Dimension	1350*190*890mm
<b>Other</b>	
Accessories	Remote Controller x 1, Power Cord x 1, Magnetic Stylus Pens x 2, Warranty Card x 1, Wall Mount Bracket x 1
Option	Floor Stand Bracket
Certification	BIS, CE, FCC, RoHS

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