



PenTouch PTPlus 86



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/m² 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	86"
Bonding Technology	Zero Bonding
Screen Technology	IPS Technology with LED-backlit LCDs
Aspect Ratio	16:9
Pixel Pitch	0.4928 (W) x 0.4928(H)
Response	4ms
Resolution	3840 x 2160 pixels
Contrast Ratio	15000:1
Brightness(cd/m ²)	500cd/m ²
Display Area	1893mm(H) x 1069mm(V)
Color	16.7 million colors
View Angle	H:178° V:178°
LED Lifespan	60,000* hours
System	
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 DDR4 (Optional 8 GB RAM)
Storage	32 GB (Optional & Upgradable upto 128 GB)
OSD Language	English PAN, NTSC
Video Format	3840 x 2160 pixels @ 60 HZ

Support Resolution	3840x2160, 1920x1080, 1680x1050, 1600x1200, 1440x1050, 1360x768,
Video Format	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K
I/O Port	
Rear Input	HDMI2.0 x 2, USB3.0 x 3, 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. Optional Port (VGA input, PC audio, YPbPr input x 1, HDMI output, RF tuner, Microphone in, USB3.0 x 1, USB2.0 x 1, HDMI2.0 x 1, Touch USB x 1, Type-C x 1, Light Sensor x 1
Front Input	
Media Format	
Audio	MP3, WMA, WAV, APE, FLAC, AAC, OGG, M4A,3GPP
Video	H.264,VP8, RV, WMV, AVS, H.263, MPEG4
Picture	JPG, BMP, PNG
Touch Features	
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
Audio	
Speaker	2x20W (Stereo) {Optional with 10/15/25-Watt Subwoofer Audio}
OPS PC (Optional)	
CPU	Option : Core i3 / Core i5 / Core i7
RAM	Option : 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
Function Features	
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
Physical Features	
Power	AC 100 ~ 240V / 60-50Hz
Consumption	Max ≤ 300W, Normal ≤ 220W, Standby ≤ 1.0W
Body Material	Silver Aluminium frame, Black metal cover
Color	Silver
Temperature	Work : 0°C ~40°C, Storage : -15° ~ 55°C
Humidity	Work : 20% to 80%, Storage : 20 to 90% (Non Condensing)
Noise	Working Noise <50dBA
Product Dimension	1962.2mm x 1162.9mm x 94.7mm (without wall mounting bracket or Floor Stand

Weight	Net Weight: 72KG. Gross Weight: 87KG
Package Dimension	2080mm x 200mm x 1270mm
Other	
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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