



Pentagon
Tech Fusion Services Pvt. Ltd.



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PenTouch PTw 55



android 11

FEATURES

- Perfect 4K resolution
- Front audio stereophonic speaker
- Industrial grade aluminum frame
- Multiple signal input HDMI, VGA, Video, YPbPr, TV etc.
- Infrared touch technology for rich writing experience
- Password / Pattern Lock protected
- 4mm protect glass and anti-scratch
- 20 points touch, in-built Screen recorder, 4ms response time
- Support APK install & authorize management, permit or forbidden application

Technical Specification

Diagonal Size	55"
Screen Technology	IPS Technology with LED-backlit LCDs
Aspect Ratio	16:9
Pixel pitch	0.28(H) x 0.28(W)
Response	4ms
Resolution	3840 x 2160
Contrast Ratio	15000:1
Brightness(cd/m2)	500cd/m2
Display area	1209mm(H) X 680 mm(V)
Color	1.07 Billion Colors (10 BIT)
View Angle	178°
System	
OS	Android 11.0
CPU	Amlogic T982, Quad Core Cortex-A55, 1.5GHz
GPU	Mali-G52
RAM	4GB
FLASH (Memory)	32GB (64 GB Optional & Upgradable upto 128GB)
I/O Port	
Rear Input	HDMI IN*2, USB2.0*1, USB3.0*1, TOUCH USB*1, RS-232*1, Earphone*1, COAX*1, RS-232*1, 2.4G Wi-Fi*1, 5G WiFi*1, 5G Hotpoint*1, Bluetooth5.0*1, AV input*1, VGA IN*1(optional), PC-AUDIO*1(optional), YPbPr Input*1(option), HDMI Output (option), RF Tuner (option)

Front Input	Type-C*1, (Default is the features of USB and Charge; The features of HDMI Input, LAN, USB are Options), USB*3, HDMI*1, Touch USB *1 & HDMI Out*1Nos. (Option)
Media Format	
Audio	Mp3, WMA, WAV, APE, FLAC, AAC, OGG, M4A, 3GPP
Video	H.264, VP 8, RV, WMV, AVS, H.263, MPEG4
Picture	JPG, BMP, PNG
Touch Features	
Touch Type	Infrared Touch, 20points Touch.
Glass	4mm, Morse 8 grade tempered glass, Explosion proof, anti glare, etc.
Transmittance	>92%
Response Time	4ms
Touch Precision	≤1mm
Touch Object	All Opaque object, such as finger, pen, etc
MTF	60 million touch by each points
Minimum Touch Object	≥ 1mm
Anti light	Incandescent lamp (220V,100W) Distance > 350mm, Sunlight illumination<90000Lux
Interface	USB
Audio	
Speaker	2 x 20W Stereo {Optional with 10-Watt Subwoofer Audio}
OPS PC (optional)	
CPU	Core i3 / Core i5 / Core i7
Memory	Option 4GB / 8GB / 16GB / 32GB
Hard disk	SSD: 128GB/256GB + Option to connect SATA HDD upto 4 TB
I/O port	USB2.0*2, USB3.0*2, MIC*1, LINE OUT*1, RJ45*1, VGA*1, HDMI*1
OPS Dimension	30mm or 42mm
Tech Features	
Language	English
Video Format	PAL, NTSC
Working Mode	24x7 hrs
Display Light	60,000* hrs
Frequency	Horizontal Frequency : 20 ~ 82KHz (Anolog & Digital) Vertical Frequency: 55 ~ 75Hz
Optimum Resolution	3840 x 2160 @ 60HZ
Support Resolution	3840 x 2160, 1920 x 1080, 1680 x 1050, 1600 x 1200, 1440 x 1050, 1360 x 768, 1280 x 1024 1280 x 768, 1024 x 768, 832 x 624, 800 x 600, 720 x 400, 600 x 480
Video Format	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K
Function Features	
Amazing OSD	Humanity beautiful OSD, Touch control
Multiple Control	Support remote control, keyboard, RS232, Touch control
Touch OSD	Touch slide from bottom to start the hidden OSD menu
Sunlight Readable	Suit for lots of place, it can readable at sunlight
Touch	20 points touch
Multiple I/O	Support HDMI / VGA / CVBS / YPbPr / Display Port / TV
Input Auto Scan	Auto scan the input signal, and countdown tips
Customize Mode	Preset Standard, Warm, Cinema, Meeting work mode and support customize
Airplay	iPhone, iPad wireless display on TAIO monitor by airplay
Software	White board, Mirror display, Comment etc.



Physical Features

Power Supply	AC 100 ~ 240V/ 2-5A, 50-60Hz,
Consumption	Working \leq 150W, Standby \leq 0.5W
Body material	Aluminium, Metal
Color	Deep Grey Front, Black Cover
Temperature	Work: 0°C ~50°C, Storage: - 10° ~ 60°C
Humidity	Work: 10% to 90%, Storage: 0 to 95% (Non-Condensing)
Noise	Working Noise<50dBA
Product Dimension	1479.9*923.6*106.1mm
VESA hole	400 x 200 mm (4*M8 screw)
Weight	NW: 38Kg \pm 1.5Kg, GW: 47Kg \pm 1.5Kg
Package Dimension	1600*1025*215MM
Other	
Accessories	Remote control*1, Power Cord*1, Wi-Fi antenna *1, USB TOUCH CABLE
Option	HDMI, DVI, VGA, BNC, Wall Mount Bracket / Floor stand set
Certificates	BIS, CE, RoHS, GMP, ISO 9000:1, ISO 2700:1

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