



**Pentagon**  
Tech Fusion Services Pvt. Ltd.



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## PenTouch PTw 75



### 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

android 11



Multiple Viewing Modes



Wide Viewing Angle



Multiple Display Signal Input



Multiple Viewing Modes



50% Power Saving

### Technical Specification

Diagonal Size	75"
Screen Technology	IPS Technology with LED-backlit LCDs
Aspect Ratio	16:9
Pixel pitch	0.4296(H) x 0.4296(L)
Response	4ms
Resolution	3840 x 2160
Contrast Ratio	15000:1
Brightness(cd/m2)	500cd/m2
Display area	1650.24mm(H) X 928.26mm(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)
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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 $\leq$ 250W, Standby $\leq$ 1W
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	1699.2*1038.1*90.2mm
VESA hole	600 x 400 mm(4*M8 screw)
Weight	NW: 58Kg $\pm$ 1.5Kg, GW: 69Kg $\pm$ 1.5Kg
Package Dimension	1870*1150*220MM

## 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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