



Pentagon

Tech Fusion Services Pvt. Ltd.

PenTouch Series

New Product Alert!
Available Sizes
65", 75", 86"



Zero Bonding Technology for enhanced clarity.



Processor : Octa-Core CPU.



Inbuilt Wifi



Memory : 8GB , Can support upto 16GB.



Dual 20W Speakers.



Storage : 128GB.



Low Blue Light Technology for eye comfort.



50-Point Ultra-Smooth Touch.



Chipset : Advanced RK3576 Chipset.



Advanced Palm Rejection.



OS : Android 14



New Backlight Technology for improved visibility

MODEL NAME

PTw 65

PTw 75

PTw 86

DISPLAY

Size	65"	75"	86"
Display Technology	IPS	IPS	IPS
Backlight Type	DLED	DLED	DLED
Display Area	1428.48 × 803.52 mm	1650.24 × 928.26 mm	1895.04 × 1065.96 mm
Resolution	3840 x 2160	3840 x 2160	3840 x 2160
Display Ratio	16:9	16:9	16:9
Refresh rate	120Hz	120Hz	120Hz
Colors Depth	1.07G (8bits + FRC)	1.07G (8bits + FRC)	1.07G (8bits + FRC)
Brightness Center	450 cd/m² (Typical)	500 cd/m² (Typical)	550 cd/m² (Typical)
Contrast Ratio(Typical)	15000:1	15000:1	15000:1
Response Time (Typical)	4 ms	4 ms	4 ms
Viewing Angle H/V (Typical)	178°/178°	178°/178°	178°/178°
Color Gamut (Typical)	85% NTSC	85% NTSC	85% NTSC
Haze	25%	25%	25%
Backlight Life Time	>= 80000 hrs	>= 80000 hrs	>= 80000 hrs

MODEL NAME		PTw 65	PTw 75	PTw 86
GLASS SURFACE TECHNOLOGY				
Thickness	3.2 mm	3.2 mm	3.2 mm	
Anti-Glare	Yes	Yes	Yes	
Anti-Fingerprint	Yes	Yes	Yes	
Antimicrobial Tempered	Yes	Yes	Yes	
Touch Surface Hardness	9H (Pencil)	9H (Pencil)	9H (Pencil)	
Transparency	88%	88%	88%	
Haze	4-8%	4-8%	4-8%	
Bonding OC and Glass	Zero Bonding	Zero Bonding	Zero Bonding	
TOUCH TECHNOLOGY				
Touch Technology	IR	IR	IR	
Sensor XY Precision	32767*32767	32767*32767	32767*32767	
Touch Android Points	50	50	50	
Touch Windows Points	50	50	50	
Touch Frame Rate	>=300Hz	>=300Hz	>=300Hz	
Accuracy (mm)	±1mm (Central 90% Area)	±1mm (Central 90% Area)	±1mm (Central 90% Area)	
Minimum Object Size	2mm	2mm	2mm	
Recognizable Object	5+ Levels	5+ Levels	5+ Levels	
Simultaneously Recognizable Pens	3mm*10pcs, 8mm*10pcs	3mm*10pcs, 8mm*10pcs	3mm*10pcs, 8mm*10pcs	
Contact Detect Height	1.5 mm	1.5 mm	1.5 mm	
STEREO SPEAKER				
Speaker Position	Bottom/Forward	Bottom/Forward	Bottom/Forward	
Speaker Max Power	20Wx2	20Wx2	20Wx2	
WIRELESS NETWORK				
WIFI	WIFI5+WIFI6	WIFI5+WIFI6	WIFI5+WIFI6	
SMART SYSTEM				
SoC Chipset	RK3576	RK3576	RK3576	
CPU	A72*4+A53*4 (Octa Core)	A72*4+A53*4 (Octa Core)	A72*4+A53*4 (Octa Core)	
GPU	Mali-G52 MP3	Mali-G52 MP3	Mali-G52 MP3	
Memory	8GB / 16GB	8GB / 16GB	8GB / 16GB	
Storage	128GB	128GB	128GB	
UI Resolution	4K	4K	4K	
Operating System	Android 14	Android 14	Android 14	
FRONT CONTROL PANEL				
Key Buttons	Power/Home/Return/Set/Custom	Power/Home/Return/Set/Custom	Power/Home/Return/Set/Custom	
IR Remote Sensor	Yes	Yes	Yes	
Ambient Light Sensor	Yes	Yes	Yes	
Lamp Status	“Standby Mode:Red Light , Working Mode:White Light”	“Standby Mode:Red Light , Working Mode:White Light”	“Standby Mode:Red Light , Working Mode:White Light”	
FRONT I/O				
Type-C in	1 (DP1.2 +Touch USB2.0 +LAN-100M,PD65W)	1 (DP1.2 +Touch USB2.0 +LAN-100M,PD65W)	1 (DP1.2 +Touch USB2.0 +LAN-100M,PD65W)	
HDMI in	1 (2.0)	1 (2.0)	1 (2.0)	
TOUCH USB	1 (USB 3.0-B)	1 (USB 3.0-B)	1 (USB 3.0-B)	
USB Host	2 (USB3.0 Public)	2 (USB3.0 Public)	2 (USB3.0 Public)	
Microphone In (Line in)	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)	
REAR I/O				
HDMI in	2 (2.0)	2 (2.0)	2 (2.0)	
DisplayPort in	1 (DP1.2)	1 (DP1.2)	1 (DP1.2)	
VGA in	1	1	1	
VGA Audio in	1(3.5mm)	1(3.5mm)	1(3.5mm)	
HDMI out	1 (2.0)	1 (2.0)	1 (2.0)	
Type-C in	1 (DP1.2,Touch,USB2.0, 5V@3A)	1 (DP1.2,Touch,USB2.0, 5V@3A)	1 (DP1.2,Touch,USB2.0, 5V@3A)	
USB 3.0-A Host	3 (1*Android,2*Public)	3 (1*Android,2*Public)	3 (1*Android,2*Public)	
TOUCH USB	1 (USB3.0-B)	1 (USB3.0-B)	1 (USB3.0-B)	
RS232	1	1	1	
SPDIF out	1	1	1	
Line out	1(3.5mm)	1(3.5mm)	1(3.5mm)	
RJ45	2(1000M)	2(1000M)	2(1000M)	
OPS Slot	1(4K@60Hz)	1(4K@60Hz)	1(4K@60Hz)	
APPLICATION				
Wireless Screen Share	Yes	Yes	Yes	
RDM	Yes	Yes	Yes	
Whiteboard	Yes	Yes	Yes	
Media Player	Yes	Yes	Yes	
Browser	Yes	Yes	Yes	
File Management	Yes	Yes	Yes	
ELECTRICAL PARAMETER				
AC Input	AC100-240V with AC Switch	AC100-240V with AC Switch	AC100-240V with AC Switch	
Power Consumption (Eco Mode)	145W	175W	200W	
Power Consumption (Full Load)	220W (w/o OPS)	270W (w/o OPS)	330W (w/o OPS)	
Power Consumption (Standby Mode)	<= 0.5W	<= 0.5W	<= 0.5W	
MECHANICAL				
Wall-Mounted by Landscape	Yes	Yes	Yes	
VESA Mounting (mm)	600 x 400 mm	800 x 400 mm	800 x 400 mm	
TRANSPORTATION / ENVIRONMENT				
Operating Temperature	-10~40°C	-10~40°C	-10~40°C	
Operating Humidity	20~93%RH(Non-Condensing)	20~93%RH(Non-Condensing)	20~93%RH(Non-Condensing)	
Storage Temperature	-20~60°C	-20~60°C	-20~60°C	
Storage Humidity	20~93%RH(Non-Condensing)	20~93%RH(Non-Condensing)	20~93%RH(Non-Condensing)	
Outline Dimension (w/o wall mount)	1483.9 x 922.83 x 111 mm	1705.8 x 1026.8 x 111 mm	1952 x 1165.4 x 111 mm	
Packing Dimension	1634 x 185 x 1015 mm	1844 x 207 x 1145 mm	2094 x 227 x 1280 mm	
Net Weight	38 kg	51 kg	63 kg	
Gross Weight	47 kg	63 kg	79 kg	

CONTACT US

C39, FIRST FLOOR, BLOCK 7A, DAYAL COMPLEX,
OKHLA INDUSTRIAL AREA, PHASE 2, NEW DELHI - 110020

☎ 011 - 46561005, 1800 572 5949 | ✉ INFO@PENTAGONTECH.IN | ✉ PENTAGON.TSPL@GMAIL.COM