

newline

Q Pro Series

Model

TT-5524QPRO

TT-6524QPRO

TT-7524QPRO

TT-8624QPRO

TT-9824QPRO

Picture



Display

Active Screen Size	55"	65"	75"	86"	98"
Backlight	LED	LED	LED	LED	LED
Display Area	47.6 x 26.8 in	56.2 x 31.7 in	64.9 x 36.5 in	74.6 x 41.9 in	85.1 x 48.1 in
Display Ratio	16:9	16:9	16:9	16:9	16:9
Resolution	3840 x 2160 (4K)	3840 x 2160 (4K)	3840 x 2160 (4K)	3840 x 2160 (4K)	3840 x 2160 (4K)
Colors	1.07Billion	1.07Billion	1.07Billion	1.07Billion	1.07Billion
Brightness	After Glass	After Glass	After Glass	After Glass	After Glass
Center brightness	400 cd/m ²	400 cd/m ²	400 cd/m ²	400 cd/m ²	400 cd/m ²
Contrast Ratio	Dynamic 5000:1 Static: 1200:1	Dynamic 5000:1 Static: by OC spec	Dynamic 5000:1 Static: by OC spec	Dynamic 5000:1 Static: by OC spec	Dynamic 5000:1 Static: by OC spec
Response Time	Typ.8ms ,Max.10ms	Typ. 8ms ,Max.10ms	Typ. 8ms ,Max.10ms	Typ. 8ms ,Max.10ms	Typ. 8ms ,Max.12ms
Viewing Angle	H = 178, V = 178 typ.	H = 178, V = 178 typ.	H = 178, V = 178 typ.	H = 178, V = 178 typ.	H = 178, V = 178 typ.
Display Life Time (MTBF)	≥50000 hours	≥50000 hours	≥50000 hours	≥50000 hours	≥50000 hours
Continuous Run Time	24/7	24/7	24/7	24/7	24/7

Power

Working Voltage	AC100-240V Max 5.5A	AC100-240V Max 5.5A	AC100-240V Max 6.2A	AC100-240V Max 6.5A	AC100-240V Max 7.5 A
Power Consumption (full load)	≤550W	≤550W	≤620W	≤650W	≤795.4W
Power Consumption (Standby mode)	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W

Touch

Touch Solution	IR	IR	IR	IR	IR
Glass Surface Technology	Anti-Glare+Anti-Fingerprint + Antimicrobial Tempered Glass	Anti-Glare+Anti-Fingerprint + Antimicrobial Tempered Glass	Anti-Glare+Anti-Fingerprint + Antimicrobial Tempered Glass	Anti-Glare+Anti-Fingerprint + Antimicrobial Tempered Glass	Anti-Glare+Anti-Fingerprint + Antimicrobial Tempered Glass
Transparency	88%±3	88%±3	88%±3	88%±3	88%±3
Haze	4-8%	4-8%	4-8%	4-8%	4-8%
Touch Surface Hardness (Mohs)	≥8H	≥8H	≥8H	≥8H	≥8H
Touch Points	40 Points(Max)	40 Points(Max)	40 Points(Max)	40 Points(Max)	40 Points(Max)
Touch Screen Writing Tools	Stylus or Finger	Stylus or Finger	Stylus or Finger	Stylus or Finger	Stylus or Finger

Speakers

Speaker Position	Bottom Front	Bottom Front	Bottom Front	Bottom Front	Bottom Front
Speaker Rated Impedance	6Ω	6Ω	6Ω	6Ω	6Ω
Speaker Freq.Response	250Hz-20KHz SPL -10dB	250Hz-20KHz SPL -10dB	250Hz-20KHz SPL -10dB	250Hz-20KHz SPL -10dB	250Hz-20KHz SPL -10dB
Output S.P.L.	90±3dB	90±3dB	90±3dB	90±3dB	90±3dB
Speaker Avg.Power Output	15Wx2	15Wx2	15Wx2	15Wx2	15Wx2
Speaker Max.Power Output	20Wx2	20Wx2	20Wx2	20Wx2	20Wx2

Transportation/Storage

Storage Temperature/Humidity	-20~60°C 0~90%RH (non-condensing)	-20~60°C 0~90%RH (non-condensing)	-20~60°C 0~90%RH (non-condensing)	-20~60°C 0~90%RH (non-condensing)	-20~60°C 0~90%RH (non-condensing)
Working Temperature/Humidity	0~40°C 20~80%RH (non-condensing)	0~40°C 20~80%RH (non-condensing)	0~40°C 20~80%RH (non-condensing)	0~40°C 20~80%RH (non-condensing)	0~40°C 20~80%RH (non-condensing)
Installation Method (optional)	Wall-mounted / Mobile stand	Wall-mounted / Mobile stand	Wall-mounted / Mobile stand	v	wall-mounted / mobile stand
Outline Dimension (without wall mount bracket thickness)	50.9 in. x 31.9 in. x 3.9 in.	59.6 in. x 36.5 in. x 4.7 in.	68.3 in. x 41.4 in. x 4.7 in.	77.9 in. x 46.9 in. x 4.7 in.	88.9 in. x 52.9 in. x 4.4 in.
Packing Dimension	55.7 in. x 36 in. x 7.3 in.	64.6 in. x 40.6 in. x 7.3 in.	73.2 in. x 45.7 in. x 8.1 in.	83.4 in. x 50.8 in. x 8.9 in.	93.9 in. x 62.8 in. x 14.8 in.
VESA Mount Pattern	400x400mm	600x400mm	800x400mm	800x400mm	800x600mm
Net Weight	69.4 lbs	85.9 lbs	114.6 lbs	143.3 lbs	238 lbs
Gross Weight	83.8 lbs	110.2 lbs	145.5 lbs	180.8 lbs	324.1 lbs

Embedded Operating System

SoC Chipset	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2
RAM	8GB	8GB	8GB	8GB	8GB
Flash Memory	64GB	64GB	64GB	64GB	64GB
Built-in Extra Memory	Can be upgraded to 128GB	Can be upgraded to 128GB	Can be upgraded to 128GB	Can be upgraded to 128GB	Can be upgraded to 128GB
Android Version	Android 14	Android 14	Android 14	Android 14	Android 14
Multimedia File Formats Support	Image: JPEG, BMP, PNG Video: MPEG1, MPEG2, MPEG4, SorensonH.263,H.263,H.264,HEVC/H.265,MVC,AVS,AVS+,WMV3,VC1,Motion JPEG,VP8,VP9,RV30/RV40 Audio:MPEG1/2 @LAYER1,@LAYER2,@LAYER3,EAC3,ACC-LC,HEAAC,VORBIS,LPCM,JMA-ADPCM,MS-ADPCM,G711 A/MU-LAW,LBR(COOK),FLAC				

I/O Ports

Front Interface	USB Type-C 65W x 1, HDMI 2.0 x 1, USB Type-B (Touch) x 1, USB 3.0, Type-A x 1, Mic in x 1
Rear Interface	HDMI IN 2.0 x 2, DisplayPort 1.2 x 1, USB Type-B (Touch) x 3, USB Type-C (no PD) x 1, USB 3.0 Type-A x 2, USB 3.0 Type-A to Android x 1, HDMI OUT 2.0x 1, RS232 x 1, RJ45 (Gigabit) IN x 1 & OUT x 1, OPS Slot x 1, SPDIFx 1, SD/M/VGA x 1, Audio Line out x 1, Wi-Fi module slot
Wi-Fi Module	Wi-Fi 6 + BT 5.2
Camera Module Port Location	Top-center of panel, USB-C connection

Camera Module (optional)

Connection Type	USB-C
Sensor Type	CMOS Sensor 4K
USB Video Class	UVC1.0
Maximum Resolution	3840×2160 / 30fps
Output Resolution	MJPG 3840×2160/30fps; MJPG 1920×1080/30fps (Default); MJPG 1280×720/30fps; YUV 1920×1080/5fps; YUV 1280×720/12.5fps
FOV	D-FOV:120° HFOV:108° VFOV: 72°
Depth of Field	0.8M~inf
F/No	F2.2±5%
Construction	4 Glass + 2 Plastic + UVIR650

Zooming	3.75x digital zoom
Noise Reduction	2D\3D video noise reduction
Tilt	-10°~+90°
Auto View(Auto Framing)	Auto
White Balance	Auto
Exposure	Auto
Black Level Correction	Auto
Microphone Type	2 Electret Microphones
Pick-up Range	3m
Signal to Noise Ratio	74dB
Microphone Sensitivity	-30±2dB
Duplex	Support
Automatic Noise Suppression	Support
Automatic Gain Control	Support
ESD Standard	Contact discharge to 4KV, Air discharge to 8KV
Infrared remote control	Support
Operation Temperature	0-50°C
Product Dimension	73 x 61 x 35mm (2.9 x 2.4 x 1.4 in)