

newline

Google Playstore
Access

Q **PRO**
SERIES



EDLA CERTIFIED
ANDROID 13
8GB, 320GB*
40 POINTS TOUCH
OFFICIAL GOOGLE PLAYSTORE



**The Future of
Education with**

Google and
android 13



Google EDLA Certified



USB Type-C with 65W Power



Android 13 OS with User Profiles



Camera Module Capable



Better Connectivity with Wi-Fi 6



Embedded 20W Speakers



Up to 40 Points of Touch



Compatible with All Devices

CERTIFIED Google INTEGRATION

Google EDLA (Enterprise Device Licensing Agreement) certification ensures compatibility and optimal performance with Google applications and services. Users can collaborate in real time, edit documents, and share ideas effortlessly.



PRODUCT SPECIFICATIONS



MODEL	TT-5523QA	TT-6523QA	TT-7523QA	TT-8623QA	TT-9823QA
DISPLAY					
Active Screen Size	55"	65"	75"	86"	98"
Backlight	LED	LED	LED	LED	LED
Display Area	1210 x 680 mm	1428 x 803 mm	1650 x 928 mm	1895 x 1066mm	2158 x 1214 mm
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	400 cd/m²	450 cd/m²	450 cd/m²	500 cd/m²	550 cd/m²
Contrast Ratio	15000:1	15000:1	15000:1	15000:1	15000:1
Response Time	4ms	4ms	4ms	4ms	4ms
Viewing Angle	178 typ.	178 typ.	178 typ.	178 typ.	178 typ.
Display Life Time (MTBF)	≥50000 hours	≥50000 hours	≥50000 hours	≥50000 hours	≥50000 hours
ELECTRICAL PARAMETER					
Working Voltage	AC100-240V Max 5.5A	AC100-240V Max 6.2A	AC100-240V Max 6.2A	AC100-240V Max 6.5A	AC100-240V Max 7.5A
Power Consumption (full load)	<150W	<150W	<240W	<270W	<300W
Power Consumption (Standby mode)	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
TOUCH TECHNOLOGY					
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
SPEAKER					
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 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	wall-mounted / mobile stand	wall-mounted / mobile stand
Outline Dimension	1293.96x805.94x 78.47/95.78mm	1512.92x926.64x 100.97/118.35mm	1735.05x1051.09x x102.17/119.48mm	1981.00x1190.72x x102.17/119.48mm	2258.40x1344.81x x104.42/121.68mm
Packing Dimension	1414*185*915mm	1640*185*1030mm	1859*205*1160mm	2119*228*1290mm	2370*356*1484mm
VESA Mount Pattern	400*400mm	600*400mm	800*400mm	800*400mm	800*600mm
Net Weight	31.5kg(ref.)	39 kg	51 kg	63 kg	108 kg(ref.)
Gross Weight	38 KG(ref.)	48.5 kg	64.5 kg	80 kg	147 kg(ref.)
SMART SYSTEM					
SoC Chipset	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2
CPU	A73*4 + A53*4 (4 Core + 4 Core)	A73*4 + A53*4 (4 Core + 4 Core)	A73*4 + A53*4 (4 Core + 4 Core)	A73*4 + A53*4 (4 Core + 4 Core)	A73*4 + A53*4 (4 Core + 4 Core)
GPU	G52*8 (8 Core)	G52*8 (8 Core)	G52*8 (8 Core)	G52*8 (8 Core)	G52*8 (8 Core)
RAM	8GB	8GB	8GB	8GB	8GB
Flash Memory	64GB	64GB	64GB	64GB	64GB
Android Version	Android 13	Android 13	Android 13	Android 13	Android 13
Features	EDLA supported and DN cast Image: JPEG, BMP, PNG	EDLA supported and DN cast	EDLA supported and DN cast	EDLA supported and DN cast	EDLA supported and DN cast
Multimedia File Formats Support	Video: MPEG1, MPEG2, MPEG4, Sorenson H.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, HE-AAC, Vorbis, LPCM, IMA-ADPCM, MS-ADPCM, G711 A/MU-LAW, LBR(COOK), FLAC				
Camera Module	optional	optional	optional	optional	optional
FRONT I/O					
USB Type-C (PD 65W)	1	1	1	1	1
HDMI IN 2.0	1	1	1	1	1
USB Type-B (Touch)	1	1	1	1	1
USB 3.0 Type-A	2	2	2	2	2
Microphone In	1	1	1	1	1
REAR I/O					
HDMI IN 2.0	2	2	2	2	2
DisplayPort 1.2	1	1	1	1	1
USB Type-B (Touch)	3	3	3	3	3
USB 3.0 Type-C (no PD)	1	1	1	1	1
USB 3.0 Type-A	2	2	2	2	2
USB 3.0 Type-A to Android	1	1	1	1	1
HDMI OUT 2.0	1	1	1	1	1
RS232	1	1	1	1	1
RJ45 (Gigabit)	IN*1 & OUT*1	IN*1 & OUT*1	IN*1 & OUT*1	IN*1 & OUT*1	IN*1 & OUT*1
OPS Slot	1	1	1	1	1
SPDIF	1	1	1	1	1
SDM/VGA	1	1	1	1	1
Audio Line out	1	1	1	1	1
WiFi module slot (WiFi module is standard)	1	1	1	1	1
WI-FI MODULE					
Parameters	Wi-Fi 6 +BT 5.2	Wi-Fi 6 +BT 5.2	Wi-Fi 6 +BT 5.2	Wi-Fi 6 +BT 5.2	Wi-Fi 6 +BT 5.2
CAMERA MODULE (OPTIONAL)					
Camera Resolution	4K@ 30 Hz /UHD	4K@ 30 Hz /UHD	4K@ 30 Hz /UHD	4K@ 30 Hz /UHD	4K@ 30 Hz /UHD
Field of View	120° FOV Lenses	120° FOV Lenses	120° FOV Lenses	120° FOV Lenses	120° FOV Lenses
Resolution	8M	8M	8M	8M	8M
Camera Tile Range	15°	15°	15°	15°	15°

*64GB Default, expandable upto 320GB

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