

newline

Z Series

Model

TT-5522Z
TT-5522Z-UC

TT-6522Z
TT-6522Z-UC

TT-7522Z
TT-7522Z-UC

TT-8622Z
TT-8622Z-UC

Picture



Display

Active Screen Size	55"	65"	75"	86"
Backlight	LED	LED	LED	LED
Optical Bonding	Yes	Yes	Yes	Yes
Display Area (in)	47.6 x 26.8 in	56.2 x 31.7 in	64.9 x 36.5 in	74.6 x 41.9 in
Display Ratio	16:09	16:09	16:09	16:09
Resolution	3840 x 2160 pixels (4K)	3840 x 2160 pixels (4K)	3840 x 2160 pixels (4K)	3840 x 2160 pixels (4K)
Colors	1.07 billion (8 bit)	1.07 billion (8 bit)	1.07 billion (8 bit)	1.07 billion (8 bit)
Brightness	400nit	400nit	400nit	400nit
Contrast Ratio	Typical: 4000:1	Typical: 5000:1	Typical: 5000:1	Typical: 4000:1
Response Time	8 ms	8 ms	8 ms	8 ms
Viewing Angle	178°	178°	178°	178°
Lifetime Hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours

Power

Working Voltage	AC100-240V Max 2.5A	AC100-240V Max 4.0A	AC100-240V Max 5.0A	AC100-240V Max 5.5A
Max Power Consumption	≤250W	≤400W	≤500W	≤550W
Eco Power Consumption	188W	<150W	<240W	<270W
Standby Power Consumption	<0.5W	<0.5W	<0.5W	<0.5W

Touch

Touch Surface Material	Metal Mesh	Metal Mesh	Metal Mesh	Metal Mesh
Anitmicrobial Coating	Yes	Yes	Yes	Yes
Touch Surface Technology	Anti-Glare + Anti-Fingerprint Tempered Glass	Anti-Glare + Anti-Fingerprint Tempered Glass	Anti-Glare + Anti-Fingerprint Tempered Glass	Anti-Glare + Anti-Fingerprint Tempered Glass
Transparency	88%±3	88%±3	88%±3	88%±3
Haze	2%~5%	2%~5%	2%~5%	2%~5%
Touch Surface Hardness	7H	7H	7H	7H
Touch Sensor	Projective Capacitive (PCAP)	Projective Capacitive (PCAP)	Projective Capacitive (PCAP)	Projective Capacitive (PCAP)
HID Support	Yes	Yes	Yes	Yes
Touch Points	20 Point / Optional Windows 40 Point	20 Point / Optional Windows 40 Point	20 Point / Optional Windows 40 Point	20 Point / Optional Windows 40 Point
Touch Screen Writing Tools	Passive pen / Fingers	Passive pen / Fingers	Passive pen / Fingers	Passive pen / Fingers
Positioning Accuracy	±2	±2	±2	±2

Speakers

Position	Top-Front	Top-Front	Top-Front	Top-Front
Rated Impedence	6Ω	6Ω	6Ω	6Ω
Frequency Response	180Hz-20KHz when SPL is -10dB	180Hz-20KHz when SPL is -10dB	180Hz-20KHz when SPL is -10dB	180Hz-20KHz when SPL is -10dB
Output S.P.L.	0dB~ -10dB	0dB~ -10dB	0dB~ -10dB	0dB~ -10dB
Max Power Output	20Wx2 Subwoofer	20Wx2 Subwoofer	20Wx2 Subwoofer	20Wx2 Subwoofer

Microphone

Mic Position	8-mic array - upper front	8-mic array - upper front	8-mic array - upper front	8-mic array - upper front
Distance (feet)	26	26	26	26

Transportation/Storage

Storage Temperature	14°F - 113°F	14°F - 113°F	14°F - 113°F	14°F - 113°F
Working Temperature	32°F - 104°F	32°F - 104°F	32°F - 104°F	32°F - 104°F
Storage Humidity	0~90%RH (non-condensing)	0~90%RH (non-condensing)	0~90%RH (non-condensing)	0~90%RH (non-condensing)
Working Humidity	20~80%RH (non-condensing)	20~80%RH (non-condensing)	20~80%RH (non-condensing)	20~80%RH (non-condensing)
Installation Method (Optional)	Wall-mount or Mobile Stand	Wall-mount or Mobile Stand	Wall-mount or Mobile Stand	Wall-mount or Mobile Stand
VESA Mount	400x400mm	600x400mm	800x400mm	800x400mm
Outline Dimensions (in)	50.3 in. x 31.4 in. x 3.1 in.	58.9 in. x 36.2 in. x 3.3 in.	67.7 in. x 41.1 in. x 3.3 in.	77.4 in. x 46.6 in. x 3.3 in.
Packing Dimensions (in)	55.7 x 36 x 7.2 in	64.6 x 40.8 x 8.1 in	73.2 x 45.6 x 8.9 in	83.3 x 50.8 x 9.8 in
Net Weight (lbs)	61.7 lbs	79.3 lbs	110.2 lbs	132.3 lbs
Gross Weight (lbs)	79.4 lbs	102.5 lbs	141.1 lbs	167.6 lbs

Embedded Operating System

SoC Chipset	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2
RAM	8 GB	8 GB	8 GB	8 GB

Flash Memory	64GB	64GB	64GB	64GB
Android Version	Android 11.0	Android 11.0	Android 11.0	Android 11.0
Supported Files Formats	Image: JPEG, BMP, PNG			
	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			
I/O Ports				
Side Inputs/Outputs	USB Type-C (PD 65W/100W Optional) x 1, HDMI IN 2.0 x 1, USB Type-B (Touch) x 1, USB 3.0 Type-A x 1, Microphone In x 1			
Rear Inputs/Outputs	HDMI IN 2.0 x 2, DisplayPort 1.2 x 1, USB Type-B (Touch) x 3, USB 3.0 Type-C (no PD) x 1,USB 3.0 Type-A x 2, USB 3.0 Type-A to Android x 1, HDMI OUT 2.0 x 1, RS232 x 1, RJ45 (Gigabit) IN x 1, RJ45 (Gigabit) OUT x 1, SPDIF x 1, OPS x 1, Audio Line out x 1, WIFI module x 1, Proximity Sensor x 1			
Camera Module (TT-5522Z-UC, TT-6522Z-UC, TT-7522Z-UC, TT-8622Z-UC models only)				
Camera Resolution	4K@ 30 Hz /UHD			
Field of View	120° FOV Lenses			
IR Camera	352 x 352 / 30 fps			
Camera Tile Range	15°			
OPS On-Board Computer (TT-5522Z-UC, TT-6522Z-UC, TT-7522Z-UC, TT-8622Z-UC models only)				
CPU	i7-8565U, 8M Cache, up to 4.60 GHz			
GPU	Intel HD Graphics 620			
RAM	8GB			
Hard Disk	256GB SATA3 SSD			
USB 2.0	2			
USB 3.0	2			
USB Type C	1			
LAN	1			
HDMI Out	1			
Microphone In	1			
Line Out	1			
Built-in WiFi	802.11b/g/n/ac			
OS	Win 10 Pro 64bit (other OS optional)			