

newline

All-In-One Collaboration Solution

High
Performance
Touch + UC
Environment



THE NEXT GENERATION OF COLLABORATION IS HERE **Z** **SERIES**

WITH THIS **FULL HYBRID** SOLUTION

WHITEBOARD

CAST

BROADCAST

ENGAGE

APP STORE

CLASSROOM TOOLS

DISPLAY MANAGEMENT

FEATURES



USB Type-C
With Power



Antimicrobial
Surface



Secure
Android 11 OS



Eco-friendly
Proximity Sensor



Better
Connectivity



Superior Capacitive
Touch (P-CAP)



Tilttable 4K Wide
Angle Camera



Compatible
with all Devices

High Performance Touch + UC Environment

Newline Z Series brings you an immersive and effective collaboration experience in the modern classroom and workspace. The UC Ready Z Series display comes with an onboard computer (OPS) integrated into the display, no extra devices needed, and a flexible 4K wide-angle camera that can capture video throughout the room. Experience communication in a whole new way and interact without limitations on the Z Series.



Enhanced Audio-Visual Experience

The integrated 8-microphone array with automatic gain control and echo canceling technology ensures a crisp clear voice transmission from anywhere in the room. Embedded powerful 2.1 channel speaker system, including 2 × 20W and 1 × 15W subwoofer, make for crystal clear audio quality. Optically bonded 4K display gives you an ultra-wide 178° viewing angle. No matter where you sit, the image is robust and clear.



Superior Camera

The UC Ready Z Series comes with a flexible 4K modular camera with 120° FOV can be tilted upward and downward within 15° to the angle that works for classrooms and meeting rooms.

Plug & Play USB Type C

Step into your space and bypass the setup frustration. The mental checklist to grab the right cables, troubleshoot connectivity and hope everything else interacts well can be overwhelming. With Plug & Play USB-C, the entire setup process is streamlined to one cable and instant access to audio, video, data, and more. And it doesn't stop there! Never worry about the battery life of your devices, because USB-C also transfers 65 watts of power too.



Updated User Interface

The Z Series introduces a new and more elegant User Interface. Choose from several new themes with updated icons to customize your Z Series panel. The home screen has been revamped and streamlined. The floating toolbars on the left and right side can be expanded, collapsed, and moved for convenience.

Impressive Whiteboard

Access everything you need to take notes, annotate during lessons or meetings, and more! With an impressive set of new tools, you won't need another whiteboarding application to get right to work. Complete everything in one app including importing and exporting the images, videos, and documents you need. In addition, all Z Series displays also have a unique glass coating that kills and minimizes germs that come in contact with the screen, so you can confidently share the touch display with other users.



MODEL	TT-5522Z	TT-6522Z	TT-7522Z	TT-8622Z
DISPLAY				
Active Screen Size	55"	65"	75"	86"
Backlight	DLED	DLED	DLED	DLED
Display Area (mm)	1210 x 680 mm	1428 x 803 mm	1650 x 928 mm	1895 x 1066mm
Display Ratio	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)
Colors	1.07Billion (10 bit color)	1.07Billion (10 bit color)	1.07Billion (10 bit color)	1.07Billion (10 bit color)
Brightness	400 cd/m ²	450 cd/m ²	450cd/m ²	500 cd/m ²
Contrast Ratio	4000:1	15000:1	15000:1	15000:1
Response Time	4ms	4ms	4ms	4ms
Viewing Angle	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
ELECTRICAL				
Working Voltage	AC100-240V Max 2.5A	AC100-240V Max 4.0A	AC100-240V Max 5.0A	AC100-240V Max 5.5A
Power Consumption (Eco mode)	<150W	<188W	<240W	<270W
Power Consumption (Standby mode)	<0.5W	<0.5W	<0.5W	<0.5W
TOUCH				
Touch Surface Material	Metal Mesh	Metal Mesh	Metal Mesh	Metal Mesh
Glass Surface Technology	AntiGlare+Anti-Fingerprint Tempered Glass	AntiGlare+Anti-Fingerprint Tempered Glass	AntiGlare+Anti-Fingerprint Tempered Glass	AntiGlare+Anti-Fingerprint Tempered Glass
	Antimicrobial Tempered Glass	Antimicrobial Tempered Glass	Antimicrobial Tempered Glass	Antimicrobial Tempered Glass
Touch Surface	Optical Bonding	Optical Bonding	Optical Bonding	Optical Bonding
Touch Sensor	Projective Capacitive (PCAP)	Projective Capacitive (PCAP)	Projective Capacitive (PCAP)	Projective Capacitive (PCAP)
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
HID Support	Yes	Yes	Yes	Yes
Touch Points	20 Point/ optional Windows 40Point	20 Point/ optional Windows 40Point	20 Point/ optional Windows 40Point	20 Point/ optional Windows 40Point
Touch Screen Writing Tools	Passive pen/ Fingers	Passive pen/ Fingers	Passive pen/ Fingers	Passive pen/ Fingers
Positioning Accuracy	±1mm	±1mm	±1mm	±1mm
SPEAKER				
Speaker Position	Top-front	Top-front	Top-front	Top-front
Speaker Rated Impedance	6Ω	6Ω	6Ω	6Ω
Speaker Freq.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
Speaker Max.Power Output	20Wx2 + 15W Subwoofer	20Wx2 + 15W Subwoofer	20Wx2 + 15W Subwoofer	20Wx2 + 15W 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	8m	8m	8m	8m
CAMERA MODULE				
Camera Resolution	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
Camera Tile Range	15°	15°	15°	15°
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)
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)
Installation Method (optional)	wall-mounted / mobile stand	wall-mounted / mobile stand	wall-mounted / mobile stand	wall-mounted / mobile stand
Outline Dimension <small>(without wall mount bracket thickness)</small>	1278.1 x 798.4 x 79.8 mm	1497.1 x 919.6 x 83.8 mm	1719.3 x 1043.7 x 85 mm	1965.2 x 1184.4 x 85 mm
Packing Dimension	1414 x 185 x 915 mm	1640 x 207 x 1036 mm	1859 x 227 x 1160 mm	2119 x 250 x 1290 mm
Net Weight	28 kg	36 kg	50 kg	60 kg
Gross Weight	36 kg	46.5 kg	64 kg	76 kg
SMART SYSTEM				
SoC Chipset	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2
RAM	8GB	8GB	8GB	8GB
Flash Memory	64GB	64GB	64GB	64GB
Android Version	Android 11	Android 11	Android 11	Android 11
Multimedia File Formats Support	*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"			
SIDE I/O				
USB Type-C (PD 65W/100W Optional)	1	1	1	1
HDMI IN 2.0	1	1	1	1
USB Type-B (Touch)	1	1	1	1
USB 3.0 Type-A	1	1	1	1
Microphone In	1	1	1	1
REAR I/O				
HDMI IN 2.0	2	2	2	2
DisplayPort 1.2	1	1	1	1
USB Type-B (Touch)	3	3	3	3
USB 3.0 Type-C (no PD)	1	1	1	1
USB 3.0 Type-A	2	2	2	2
USB 3.0 Type-A to Android	1	1	1	1
HDMI OUT 2.0	1	1	1	1
RS232	1	1	1	1
RJ45 (Gigabit)	IN*1 & OUT*1	IN*1 & OUT*1	IN*1 & OUT*1	IN*1 & OUT*1
OPS	1	1	1	1
SPDIF	1	1	1	1
Audio Line out	1	1	1	1
WIFI module	1	1	1	1
Proximity Sensor	1	1	1	1
SDM-S Slot	N/A	Yes	Yes	Yes