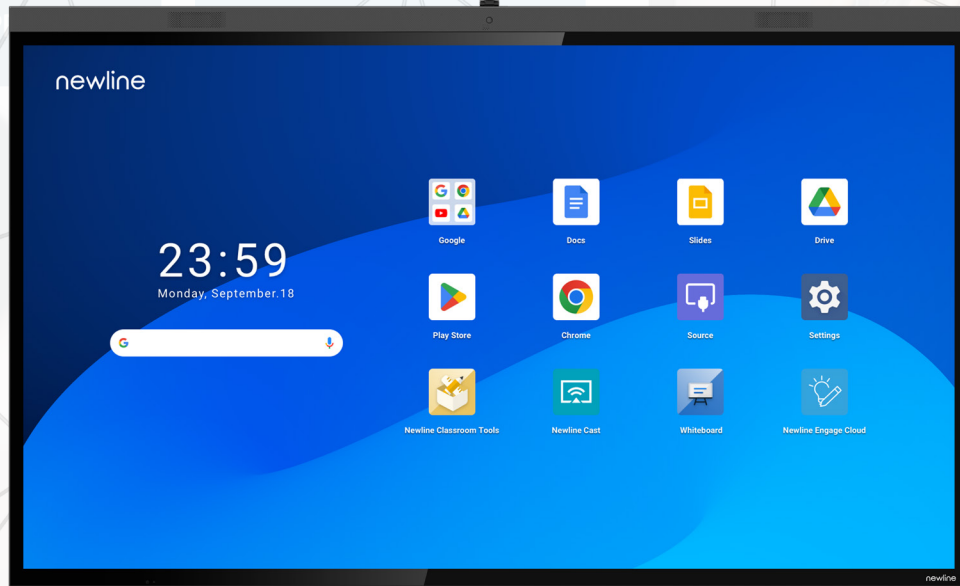# newline
Z PRO SERIES
FEATURING
Google

Google EDLA Certified	USB Type-C with up to 100W Power	Android 13 OS with User Profiles	4K Wide-Angle AI Camera (Optional)	Better Connectivity with Wi-Fi 6	Superior Capacitive Touch (P-CAP)	Immersive 4K UHD Display	Compatible with all Devices

Experience seamless collaboration with the Google EDLA-Certified Newline Z Pro Series. Tailored for campus and college classrooms and lecture halls, the Z Pro delivers secure, immersive, and impactful instruction. Google EDLA Certification ensures effortless and secure connectivity to Google accounts, Workspace applications and the Google Play store, with robust security features like password protection, two-step authentication, and data encryption.

Powered by Android 13, the Z Pro offers lightning-fast performance, exceptional response times, and top-notch security. The built-in Wi-Fi 6 module enhances capacity, security, and efficiency. User profiles simplify device management, and the SDM-S Expansion Slot allows for onboard computer (OPS) integration. No matter your OS of choice, the Z Pro works in your world.

The 4K display of the Z Pro, with optical bonding technology and a 178° viewing angle, ensures clear images from any position. An 8-microphone array and dual 20W speakers enable effortless content presentation. The optional 4K AI Camera, with a tiltable design, wide-angle view, and auto-framing, works with Zoom, Google Meet, Teams, and Webex and more.

Streamline connectivity with Plug & Play USB-C, offering up to 100W power delivery. The Z Pro supports up to 40 touch points, features Palm Rejection Technology and antimicrobial glass, and includes a Proximity Sensor that will power on/off automatically based on human presence in the room.

The UC-Ready Z Pro comes with an OPS unit integrated right into the display, no extra devices needed, and a 4K AI camera for the ultimate collaboration solution.

Z Pro Series

Model	TT-5524ZPRO TT-5524ZPRO-UC	TT-6524ZPRO TT-6524ZPRO-UC	TT-7524ZPRO TT-7524ZPRO-UC	TT-8624ZPRO TT-8624ZPRO-UC
Display				
Screen Size	55"	65"	75"	86"
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
Screen Type	LCD (Direct LED Backlight)	LCD (Direct LED Backlight)	LCD (Direct LED Backlight)	LCD (Direct LED Backlight)
Resolution	3840 x 2160 (4K)	3840 x 2160 (4K)	3840 x 2160 (4K)	3840 x 2160 (4K)
Display Ratio	16:9	16:9	16:9	16:9
Brightness	400 cd/m²	400 cd/m²	400 cd/m²	400 cd/m²
Display Color Depth	1.07 billion	1.07 billion	1.07 billion	1.07 billion
Contrast Ratio	Typ. 4000:1	Typ. 4000:1	Typ. 4000:1	Typ. 4000:1
LCD Refresh Rate	60Hz	60Hz	60Hz	60Hz
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
Speakers				
Position	Top Front			
Max Power Output	(2) 20W	(2) 20W	(2) 20W	(2) 20W
Subwoofer	N/A	(1) 15W	(1) 15W	(1) 15W
Microphone				
Position	8-mic array - upper front	8-mic array - upper front	8-mic array - upper front	8-mic array - upper front
Max Distance	26 ft	26 ft	26 ft	26 ft
Power				
Max Power Consumption	550 (Standby < 0.5W)	550W (Standby < 0.5W)	620W (Standby < 0.5W)	650W (Standby < 0.5W)
Working Voltage	AC100-240V Max 5.5A	AC100-240V Max 5.5A	AC100-240V Max 6.2A	AC100-240V Max 6.5A
Touch				
Touch Surface Technology	Anti-Glare + Anti-Fingerprint + Antimicrobial			
Touch Points	Android 20 Points / Windows 40 Point			
Touch Sensor	PCAP (Projected Capacitive Touch)			
Touch Screen Writing Tools	Stylus or Finger			
Transportation/Storage				
Temperature/Humidity	Storage: -20~60°C (-4°F~140°F) / 0%~90% RH (non-condensing)	Working: 0 - 40°C (32 - 104°F) / 20% - 80% RH (non-condensing)		
Mounting Options	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 Dimension	50.3 x 31.4 x 3.1 in	58.9 x 36.2 x 3.7 in	67.7 x 41.1 x 3.7 in	77.4 x 46.6 x 3.7 in
Weight	61.7 lbs	110.2 lbs	123.5 lbs	149.9 lbs
Embedded Operating System				
CPU	Arm Cortex-A73 x 4 + Cortex-A53 x 4			
GPU	Mali-G52 x 8			
RAM	8 G	8 G	8 G	8 G
ROM	64GB	64GB	64GB	64GB
Operating System	Android 13			
Wake-on-LAN	Support			
Proximity Sensor	Yes			
Connectivity				
USB	(1) USB Type-C (PD 100W), (1) USB Type C (no PD), (4) USB Type-B (Touch), (3) USB 3.0 Type-A Public, (1) USB 3.0 Type-A Android			
Digital Audio-Video Inputs	(3) HDMI 2.0, (1) HDMI Out, (1) Display Port, (1) Microphone In			
Digital Audio-Video Outputs	(1) Audio Line Out, (1) S/PDIF Out			
Integrated PC Slot	Available			
Integrated SDM Slot	Available			
Control Input	(1) RS-232			
Network	(1) IN & (1) OUT RJ-45 connector			
Wi-Fi & Bluetooth	Dual Channel 2.4G+5G, Wi-Fi 6 / BT5.2			
Camera Module Port Location	Top-center of panel, USB-C connection			

Z Pro Series - UC Ready Specs

Model	UC Ready Version	Non-UC Version
SKUs	55": TT-5524ZPRO-UC 65": TT-6524ZPRO-UC 75": TT-7524ZPRO-UC 86": TT-8624ZPRO-UC	55": TT-5524ZPRO 65": TT-6524ZPRO 75": TT-7524ZPRO 86": TT-8624ZPRO
4K Camera Module	Yes	No
OPS On-Board Computer	Yes	No

4K AI Camera - UC Ready Z Pro Series Only

OPS On-Board Computer - UC Ready Z Pro Series Only

SKUs	55": TT-5524ZPRO-UC 65": TT-6524ZPRO-UC 75": TT-7524ZPRO-UC 86": TT-8624ZPRO-UC
Camera	
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	
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)

SKUs	55": TT-5524ZPRO-UC 65": TT-6524ZPRO-UC 75": TT-7524ZPRO-UC 86": TT-8624ZPRO-UC
OPS On-Board Computer	
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)
RAM Upgrades	Up to 32GB