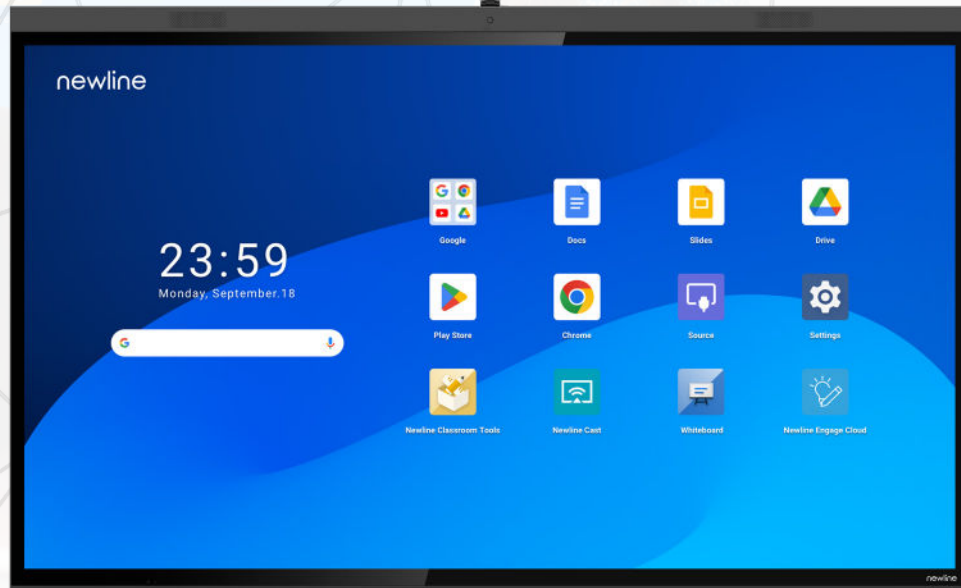


# newline *PRO SERIES*

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 classroom collaboration with the Google EDLA-Certified Newline Z Pro Series. 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 learning sessions. 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 classroom collaboration solution.

newline

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| Model                       | TT-5524ZPRO<br>TT-5524ZPRO-UC                                                                                                   | TT-6524ZPRO<br>TT-6524ZPRO-UC | TT-7524ZPRO<br>TT-7524ZPRO-UC | TT-8624ZPRO<br>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                |
| Continuous Run Time         | 24/7                                                                                                                            | 24/7                          | 24/7                          | 24/7                          |
| 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<br>65": TT-6524ZPRO-UC<br>75": TT-7524ZPRO-UC<br>86": TT-8624ZPRO-UC | 55": TT-5524ZPRO<br>65": TT-6524ZPRO<br>75": TT-7524ZPRO<br>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<br>65": TT-6524ZPRO-UC<br>75": TT-7524ZPRO-UC<br>86": TT-8624ZPRO-UC                                    |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>               |                                                                                                                             |
| 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<br>MJPG 1920×1080/30fps (Default)<br>MJPG 1280×720/30fps<br>YUV 1920×1080/5fps<br>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                                                                                                                        |
| <b>Microphone</b>           |                                                                                                                             |
| 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<br>65": TT-6524ZPRO-UC<br>75": TT-7524ZPRO-UC<br>86": TT-8624ZPRO-UC |
|------------------------------|------------------------------------------------------------------------------------------|
| <b>OPS On-Board Computer</b> |                                                                                          |
| 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<br>(other OS optional)                                                  |
| RAM Upgrades                 | Up to 32GB                                                                               |