

# newline



11  
android



ANDROID  
SAFE MODE



EMBEDDED  
BLUE LIGHT FILTER



ANTIMICROBIAL  
GLASS



FREE EDTECH  
TOOLS & APPS



OBJECT  
RECOGNITION



## SERIES

55"

65"

75"

86"

98"

## POWERFUL, SECURE AND SAFE!

Our best education solution to date, Newline Q series is more powerful, secure and future-proof than any previous solution. Extensive connectivity, amazing ease of use, and paper like writing technology allow users to stay fully focused on teaching. And this while offering an immersive AV experience that will keep students captivated, with vibrant colours and crystal clear 4K picture from every seat. Go shoot for the stars!



Wi-Fi 6



Powered  
USB Type-C



Secure  
User Profiles



Broad  
Compatibility



High Quality  
Sound System



Wide Range of  
Sizes

# Q SERIES SPECIFICATION

| Display Specifications   |                                | TT-5521Q                                    | TT-6521Q               | TT-7521Q                | TT-8621Q               | TT-9821Q               |
|--------------------------|--------------------------------|---------------------------------------------|------------------------|-------------------------|------------------------|------------------------|
|                          | Active Screen Size             | 55"                                         | 65"                    | 75"                     | 86"                    | 98"                    |
|                          | Display Technology             | LED                                         |                        |                         |                        |                        |
|                          | Resolution                     | 3840 × 2160 (4K)                            |                        |                         |                        |                        |
|                          | Display Area                   | 1210 × 680 mm                               | 1428 × 803 mm          | 1650 × 928 mm           | 1895 × 1066 mm         | 2164 × 1221 mm         |
|                          | Display Ratio                  | 16:9                                        |                        |                         |                        |                        |
|                          | Display Color Depth            | 1.07 Billion                                |                        |                         |                        |                        |
|                          | Brightness                     | 400 cd/m <sup>2</sup>                       |                        |                         |                        |                        |
|                          | Contrast Ratio (Dynamic)       | 5000:1                                      |                        |                         |                        |                        |
|                          | Response Time                  | Typ. 8ms                                    |                        |                         |                        |                        |
|                          | Viewing Angle                  | 178°                                        |                        |                         |                        |                        |
|                          | Display Life Time (MTBF)       | ≥ 50,000 hours                              |                        |                         |                        |                        |
| Power                    | Working Voltage                | AC 100 - 240V Max 2.5A                      | AC 100 - 240V Max 5.5A | AC 100 - 240 V Max 6.2A | AC 100 - 240V Max 6.5A | AC 100 - 240V Max 7.5A |
|                          | Eco Power Consumption          | 150W                                        | 150W                   | 240W                    | 270W                   | 270W                   |
| Transportation / Storage | Storage Temperature / Humidity | -20°C - 60°C / 0% - 90% RH (Non-Condensing) |                        |                         |                        |                        |
|                          | Working Temperature / Humidity | 0°C - 40°C / 20% - 80% RH (Non-Condensing)  |                        |                         |                        |                        |
|                          | Mounting (Optional)            | Wall-Mounted / Mobile Stand                 |                        |                         |                        |                        |
|                          | Outline Dimensions             | 1294 × 808 × 101 mm                         | 1513 × 927 × 121 mm    | 1735 × 1051 × 122 mm    | 1981 × 1191 × 122 mm   | 2258 × 1345 × 122 mm   |
|                          | Packing Dimensions             | 1414 × 915 × 185 mm                         | 1640 × 1036 × 207 mm   | 1859 × 1160 × 227 mm    | 2119 × 1290 × 250 mm   | 2428 × 1535 × 420 mm   |
|                          | Net Weight                     | 31.5 kg                                     | 39 kg                  | 52 kg                   | 65 kg                  | 108 kg                 |
|                          | Gross Weight                   | 38 kg                                       | 49 kg                  | 66 kg                   | 82 kg                  | 147 kg                 |

| Touch        | Touch Sensor                | IR                                                                                                                                     |
|--------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
|              | Touch Surface Technology    | Anti-Glare + Anti-Fingerprint + Antimicrobial Tempered Glass                                                                           |
|              | Transparency                | 88% ± 3                                                                                                                                |
|              | Surface Hardness (Mohs)     | 7H                                                                                                                                     |
|              | Touch Points                | 20 Points                                                                                                                              |
|              | Touch Screen Writing Tools  | Passive Pen / Fingers                                                                                                                  |
| Connectivity | USB Data Ports              | 1 × USB Type-C (PD 65W)<br>1 × USB 3.0 Type-C (No PD)<br>4 × USB Type-B (Touch)<br>3 × USB 3.0 Type-A<br>1 × USB 3.0 Type-A to Android |
|              | Digital Audio-Video Inputs  | 3 × HDMI IN 2.0<br>1 × DisplayPort 1.2<br>1 × Microphone In                                                                            |
|              | Digital Audio-Video Outputs | 1 × HDMI 2.0 Out<br>1 × Audio Line Out<br>1 × S/PDIF                                                                                   |
|              | Integrated PC Slot          | 1 × OPS-PC Slot                                                                                                                        |
|              | Control Input               | 1 × RS-232                                                                                                                             |
|              | Network                     | 1 × In & 1 × Out RJ-45 Connector                                                                                                       |
|              | Wi-Fi Module Slot           | 1                                                                                                                                      |

| Embedded Operating System | Chipset                         | Amlogic 311D2                                                                                                                                                                                                                                                                                          |
|---------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           | RAM                             | 4GB                                                                                                                                                                                                                                                                                                    |
|                           | ROM                             | 32GB                                                                                                                                                                                                                                                                                                   |
|                           | External Memory                 | 32GB (SD Card)                                                                                                                                                                                                                                                                                         |
|                           | OS Version                      | Android 11                                                                                                                                                                                                                                                                                             |
|                           | Wi-Fi Module                    | Wi-Fi 6 + BT 5.2                                                                                                                                                                                                                                                                                       |
| Speaker                   | Multimedia File Formats Support | <b>Image:</b> JPEG, BMP, PNG<br><b>Video:</b> MPEG1, MPEG2, MPEG4, Sorenson H.263, H.263, H.264, VC, AVS, AVS+, WMV3, VC1, Motion JPEG, VP8, VP9, RV30/RV40<br><b>Audio:</b> MPEG1/2 @LAYER1; @LAYER2; @LAYER3, EAC3, ACC-LC, HEAAC, VORBIS, LPCM, IMA-ADPCM, MS-ADPCM, G711 A/MU-LAW, LBR(COOK), FLAC |
|                           | Position                        | Bottom Front                                                                                                                                                                                                                                                                                           |
|                           | Rated Impedance                 | 6Ω                                                                                                                                                                                                                                                                                                     |
|                           | Frequency Response              | 250Hz - 20KHz SPL -10dB                                                                                                                                                                                                                                                                                |
|                           | Output S.P.L.                   | 80±3dB                                                                                                                                                                                                                                                                                                 |
|                           | Max Power Output                | 20W × 2                                                                                                                                                                                                                                                                                                |

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