

# newline



- 11 android
- ANDROID SAFE MODE
- EMBEDDED BLUE LIGHT FILTER
- ANTIMICROBIAL GLASS
- FREE EDTECH TOOLS & APPS
- OBJECT RECOGNITION



55" 65" 75" 86" 98"

## SERIES

SHOOT FOR THE *Stars*

WITH OUR **BEST CORPORATE SOLUTION TO DATE**

- WiFi 6 CERTIFIED
- Broad Compatibility
- 65W Powered USB Type-C
- High Quality Sound System
- Antimicrobial Surface
- Secure User Profiles
- Android 11
- Newline APP Store

### INTERACTIVE ECOSYSTEM

The completely renewed Newline Ecosystem is full of software, tools and apps to help teachers teach. In your own style. That's why the Newline Ecosystem works with any other software, document or device and covers all your interactive classroom needs.

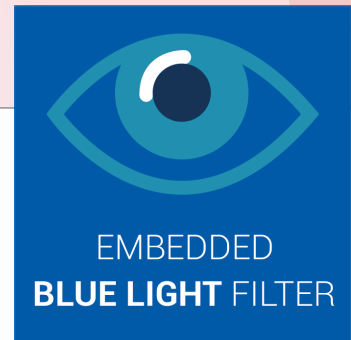
- WHITEBOARD
- CAST
- BROADCAST
- ENGAGE
- APP STORE
- CLASSROOM TOOLS
- DISPLAY MANAGEMENT



## Our Antimicrobial Glass Keeps You Safe, Safer, Safest!

In most schools, interactive displays know multiple users ranging from other teachers to students working and collaborating on the display. This way, germs are easily spread. Newline has implemented a TÜV certified antimicrobial coating on the interactive displays for education to protect you!.

## Safety Wrapped In Colors Behind The Blue



A unique filter technology! The only way to avoid the harmful effects of blue light for health is regulating it. Unlike any of the commonly used techniques to regulate blue light, like plastic sheets, glass- or software overlays, Newline has chosen to use a solution that applies right to the source of the problem. The LED back light. Adding KSF Phosphor substrate to the LED creates a blue light filter from the source.



## Outstanding Audio-Visual Quality

The 4K displays with 85% NTSC, an ultra-wide 178° viewing angle and two embedded powerful 20W speakers ensure sound and image are perfectly clear, all around the room. Low Blue Light designed with TÜV Rheinland certified provides an eye-friendly viewing experience.

## User Profile Settings



Home screen and carefully tailored settings can be saved for teachers, students, teams, or departments. Eliminate the hassle of device and user switching – no more logging into devices and customizing the screen for your session. Perfect for today's flexible learning environments.



## Plug And Play All The Way

Streaming your setup with fast and easy USB-C connection. Thanks to plug & play USB-C, your entire setup process requires plugging in one cable – which transports data, audio, video and power. Connect and disconnect immediately or switch devices without any hassle – just plug in and get straight to teaching. No more delays, troubleshooting, or fidgety kids!

## Use Your Favorite Apps



Our curated app store features a wide and ever-expanding range of tools for education. Get started today and with apps that can help make teaching, collaborating and creating learning materials faster, more fun, and more efficient.

# PRODUCT SPECIFICATIONS



MODEL	TT-5521Q	TT-6521Q	TT-7521Q	TT-8621Q	TT-9821Q
<b>DISPLAY</b>					
Active Screen Size	55"	65"	75"	86"	98"
Backlight	DLED	DLED	DLED	DLED	DLED
Active Area	1210 x 680 mm	1432 x 807 mm	1652 x 930 mm	1893 x 1069 mm	2163 x 1221 mm
Display Ratio	16:9	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)	3840 x 2160 (4K)
Colors	1.07Billion (10 Bit)	1.07Billion (10 Bit)	1.07Billion (10 Bit)	1.07Billion (10 Bit)	1.07Billion (10 Bit)
Brightness	>400 cd/m <sup>2</sup>	>450 cd/m <sup>2</sup>	>450 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	>500 cd/m <sup>2</sup>
Contrast Ratio	15000:1	15000:1	15000:1	15000:1	15000:1
Response Time	4ms	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.	H = 178, V = 178 typ.
Display Life Time	≥50000 hours	≥50000 hours	≥50000 hours	≥50000 hours	≥50000 hours
<b>ELECTRICAL PARAMETER</b>					
Working Voltage	AC100-240V Max 2.5A	AC100-240V Max 5.5A	AC100-240V Max 6.2A	AC100-240V Max 6.5A	AC100-240V Max 7.5A
Power Consumption	<150W	<150W	<240W	<270W	<300W
Power Consumption (Standby mode)	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
<b>TOUCH TECHNOLOGY</b>					
Touch Solution	Advanced IR	Advanced IR	Advanced IR	Advanced IR	Advanced IR
Glass Surface Technology	Anti-Glare+Anti-Fingerprint + Antimicrobial Tempered Glass	Anti-Glare+Anti-Fingerprint + Antimicrobial Tempered Glass	Anti-Glare+Anti-Fingerprint + Antimicrobial Tempered Glass	Anti-Glare+Anti-Fingerprint + Antimicrobial Tempered Glass	Anti-Glare+Anti-Fingerprint + Antimicrobial Tempered Glass
Transparency	88%±3	88%±3	88%±3	88%±3	88%±3
Touch Surface Hardness (Mohs)	7H	7H	7H	7H	7H
Touch Points	20 Point	20 Point	20 Point	20 Point	20 Point
Touch Screen Writing Tools	Passive Pen / Fingers	Passive Pen / Fingers	Passive Pen / Fingers	Passive Pen / Fingers	Passive Pen / Fingers
<b>SPEAKER</b>					
Speaker Position	bottom front	Bottom Front	Bottom Front	Bottom Front	Bottom Front
Speaker Rated Impedance	6Ω	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	180Hz-20KHz when SPL is -10dB
Output S.P.L.	0dB~-10dB	0dB~-10dB	0dB~-10dB	0dB~-10dB	0dB~-10dB
Speaker Max. Power Output	20Wx2	20Wx2	20Wx2	20Wx2	20Wx2
<b>TRANSPORTATION / STORAGE</b>					
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)	-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)	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	wall-mounted / mobile stand
Outline Dimension (without wall mount bracket thickness)	1294*808.5*101 mm	1513 x 923 x 116mm	1735 x 1049 x 120mm	1981 x 1189 x 120 mm	2258.4 x 1344.8 x 122mm
Packing Dimension	1414x183x915 mm	1640 x 207 x 1036 mm	1859 x 227 x 1160 mm	2119 x 250 x 1290 mm	2440 x 1649 x 440mm
VESA Mount	400*400	600*400	800*400	800*400	800*600
Net Weight (tbc)	31.5kg	39 kg	52 kg	65 kg	85 kg
Gross Weight (tbc)	38 KG	50 kg	66 kg	82 kg	100 kg
<b>SMART SYSTEM</b>					
SoC Chipset	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2
CPU	A73*4 + A53*4 (4 Core + 4 Core)	A73*4 + A53*4 (4 Core + 4 Core)	A73*4 + A53*4 (4 Core + 4 Core)	A73*4 + A53*4 (4 Core + 4 Core)	A73*4 + A53*4 (4 Core + 4 Core)
GPU	G52*8 (8 Core)	G52*8 (8 Core)	G52*8 (8 Core)	G52*8 (8 Core)	G52*8 (8 Core)
RAM	4GB DDR4	4GB DDR4	4GB DDR4	4GB DDR4	4GB DDR4
Flash Memory	32GB	32GB	32GB	32GB	32GB
Built in Extra Memory	Standard 32GB / can be upgraded to 64GB	32GB / upgraded to 64GB	32GB / upgraded to 64GB	32GB / upgraded to 64GB	32GB / upgraded to 64GB
Android Version	Android 11	Android 11	Android 11	Android 11	Android 11
Multimedia File Formats Support	Image: JPEG, BMP, PNG, Video: MPEG1, MPEG2, MPEG4, 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, AAC, ACC-LC, HEAAC, VORBIS, LPCM, IMA-ADPCM, MS-ADPCM, G711 A/MU-LAW, LBR(COOK), FLAC				
<b>FRONT I/O PORTS</b>					
USB Type-C (PD 65W)	1	1	1	1	1
HDMI IN 2.0	1	1	1	1	1
USB Type-B (Touch)	1	1	1	1	1
USB 3.0 Type-A	1	1	1	1	1
Microphone In	1	1	1	1	1
<b>REAR I/O PORTS</b>					
HDMI IN 2.0	2	2	2	2	2
DisplayPort 1.2	1	1	1	1	1
USB Type-B (Touch)	3	3	3	3	3
USB 3.0 Type-C (no PD)	1	1	1	1	1
USB 3.0 Type-A	2	2	2	2	2
USB 3.0 Type-A to Android	1	1	1	1	1
HDMI OUT 2.0	1	1	1	1	1
RS232	1	1	1	1	1
RJ45 (Gigabit)	IN*1 & OUT*1	IN*1 & OUT*1	IN*1 & OUT*1	IN*1 & OUT*1	IN*1 & OUT*1
OPS Slot	1	1	1	1	1
SPDIF	1	1	1	1	1
Audio Line out	1	1	1	1	1
WiFi module slot (wifi module is standard)	1	1	1	1	1
<b>WIFI MODULE</b>					
Parameters	Built-in Wi-Fi 6 module, with a frequency range of 2.4/5 GHz	Built-in Wi-Fi 6 module, with a frequency range of 2.4/5 GHz	Built-in Wi-Fi 6 module, with a frequency range of 2.4/5 GHz	Built-in Wi-Fi 6 module, with a frequency range of 2.4/5 GHz	Built-in Wi-Fi 6 module, with a frequency range of 2.4/5 GHz
<b>CAMERA MODULE (OPTIONAL)</b>					
Camera Resolution	4K@ 30 Hz /UHD	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	120° FOV Lenses
Resolution	8M	8M	8M	8M	8M
Camera Tile Range	15°	15°	15°	15°	15°



## CREATE A DYNAMIC LEARNING ENVIRONMENT

**Chennai**  
Room No. 202, 203, 211  
No.37, Workafella, TTK Road, Alwarpet,  
Chennai-600018, Tamil Nadu

**Gujarat**  
104, 1st Floor, Shilp Arista, Opposite  
Stellar, Sindhu Bhavan Road, Thaltej,  
Ahmedabad 380015, Gujarat

**Delhi**  
Unit No. A-717, 7th Floor,  
DLF Tower A, Jasola District Centre,  
New Delhi- 110025

**Kolkata**  
RAIKVA Tower 3A, Ram Mohan  
Mullick Garden Lane, 3rd Floor, Suit No - 309  
Kolkata, West Bengal 700010

**Mumbai**  
1st Floor, B-107, Kanakia Wall Street,  
Chakala, Andheri Kuria Road,  
Andheri East Mumbai-400059, Maharashtra.