

newline



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



65" 75" 86" 98"

SERIES

SHOOT FOR THE *Stars*

WITH OUR **BEST EDUCATION SOLUTION TO DATE**

- Enhanced Wi-Fi 6
- 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

PRODUCT SPECIFICATIONS



SERIES

MODEL	TT-6521Q	TT-7521Q	TT-8621Q	TT-9821Q
DISPLAY				
Active Screen Size	65"	75"	86"	98"
Backlight	DLED	DLED	DLED	DLED
Display Area	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
Resolution	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)
Brightness	>450 cd/m ²	>450 cd/m ²	500 cd/m ²	>500 cd/m ²
Contrast Ratio	15000:1	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 PARAMETER				
Working Voltage	AC100-240V Max 5.5A	AC100-240V Max 6.2A	AC100-240V Max 6.5A	AC100-240V Max 7.5A
Power Consumption (full load)	≤ 550W	≤ 620W	≤650W	≤800W
Power Consumption (Eco mode)	<150W	<240W	<270W	<300W
Power Consumption (Standby mode)	<0.5W	<0.5W	<0.5W	<0.5W
TOUCH TECHNOLOGY				
Touch Solution	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
Transparency	88%±3	88%±3	88%±3	88%±3
Touch Surface Hardness (Mohs)	7H	7H	7H	7H
Touch Points	20 Point	20 Point	20 Point	20 Point
Touch Screen Writing Tools	Passive Pen / Fingers	Passive Pen / Fingers	Passive Pen / Fingers	Passive Pen / Fingers
SPEAKER				
Speaker Position	Bottom Front	Bottom Front	Bottom Front	Bottom 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.PL.	0dB~ -10dB	0dB~ -10dB	0dB~ -10dB	0dB~ -10dB
Speaker Max.Power Output	20Wx2	20Wx2	20Wx2	20Wx2
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 (without wall mount bracket thickness)	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	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	600*400	800*400	800*400	800*600
Net Weight (tbc)	39 kg	52 kg	65 kg	85 kg
Gross Weight (tbc)	50 kg	66 kg	82 kg	100 kg
SMART SYSTEM				
SoC Chipset	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)
GPU	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
Flash Memory	32GB	32GB	32GB	32GB
Built in Extra Memory	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
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, HEAAC, VORBIS, LPCM, IMA-ADPCM, MS-ADPCM, G711 A/MU-LAW, LBR(COOK), FLAC			
FRONT I/O PORTS				
USB Type-C (PD 65W)	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 PORTS				
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 Slot	1	1	1	1
SPDIF	1	1	1	1
Audio Line out	1	1	1	1
WIFI module slot (wifi module is standard)	1	1	1	1
WIFI MODULE				
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
CAMERA MODULE (OPTIONAL)				
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
Resolution	8M	8M	8M	8M
Camera Tile Range	15°	15°	15°	15°

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