

newline

Q+ SERIES



- CERTIFIED OPTICAL BONDING
- 11 android
- ANDROID SAFE MODE
- HYBRID SOLUTION
- EMBEDDED BLUE LIGHT FILTER
- ANTIMICROBIAL GLASS
- FREE TOOLS & APPS

My user profile: keeps my favorite theme, apps and personal settings!

SHOOT FOR THE *Stars*

WITH THIS FULL HYBRID SOLUTION

WHITEBOARD

CAST

BROADCAST

ENGAGE

APP STORE

CLASSROOM TOOLS

DISPLAY MANAGEMENT

FEATURES



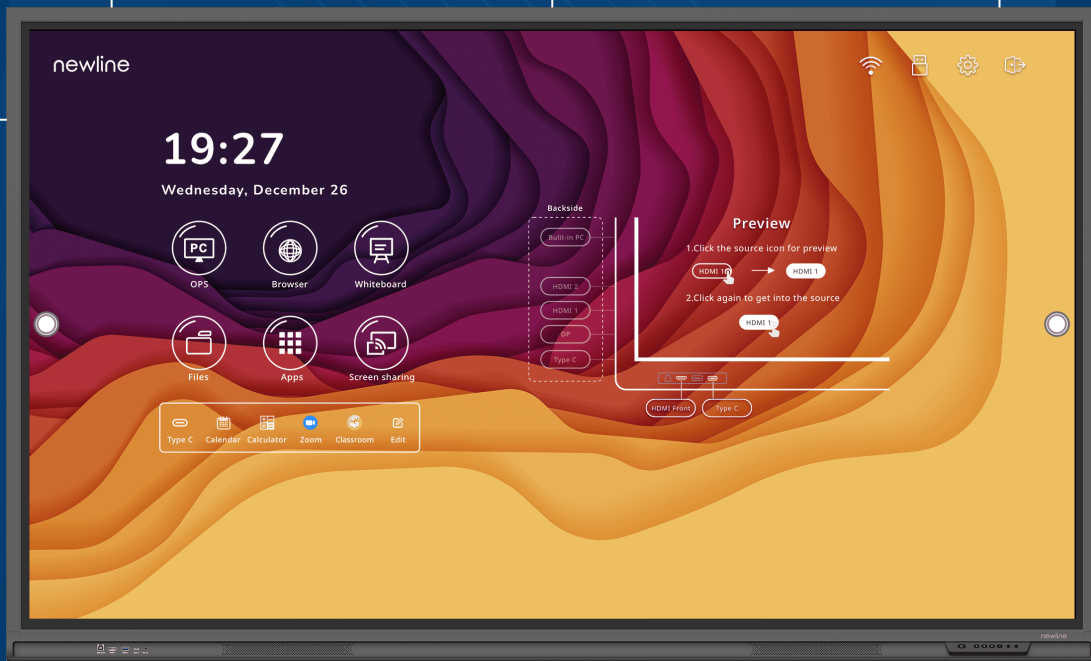
High Quality Sound
Incl. Subwoofer



Antimicrobial
Surface



Secure
User Profiles



Android
11



Enhanced
Wi-Fi 6



Broad
Compatibility



100W Powered
USB Type-C



SDM-S
Ready



WHY SETTLE FOR LESS?
ANDROID 11, THE
SECUREST OPTION!



OUR ANTIMICROBIAL
GLASS KEEPS YOU
SAFE, SAFER, SAFEST!



SAFETY WRAPPED IN
COLORS BEHIND
THE BLUE

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!



Proximity Sensor For An Eco-Friendly Workspace



Equipped with Proximity Sensor, the Newline interactive displays will power on/off automatically based on human presence in the room.

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.



Optically Bonded 4k Display To Redefine Clarity

Optical bonding gives you an ultra-wide 178° viewing angle. No matter where you sit in the room, the image is robust and clear.

| MODEL | TT-6522Q | TT-7522Q | TT-8622Q |
|---|--|--|--|
| DISPLAY | | | |
| Active Screen Size | 65" | 75" | 86" |
| Backlight (new OD28 BLM) | LED | LED | LED |
| Display Area | 1428 x 804 mm | 1650 x 928 mm | 1895 x 1066mm |
| Display Ratio | 16:9 | 16:9 | 16:9 |
| Resolution | 3840 x 2160 (4K) | 3840 x 2160 (4K) | 3840 x 2160 (4K) |
| Colors | 1.07Billion (10 bit color) | 1.07Billion (10 bit color) | 1.07Billion (10 bit color) |
| Brightness | 450 cd/m ² | 450 cd/m ² | 500 cd/m ² |
| Contrast Ratio | 15000:1 | 15000:1 | 15000:1 |
| Response Time | 4ms | 4ms | 4ms |
| Viewing Angle | 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 |
| ELECTRICAL PARAMETER | | | |
| Working Voltage | AC100-240V Max 5.7A | AC100-240V Max 6.5A | AC100-240V Max 6.7A |
| Power Consumption(Eco mode) | <150W | <240W | <270W |
| Power Consumption(Standby mode) | <0.5W | <0.5W | <0.5W |
| TOUCH TECHNOLOGY | | | |
| Touch Solution | 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" |
| Touch Surface | Optical Bonding | Optical Bonding | Optical Bonding |
| Transparency | 88%±3 | 88%±3 | 88%±3 |
| Haze | 4~8% | 4~8% | 4~8% |
| Touch Surface Hardness | H3 | H3 | H3 |
| Touch Points | 20 Point Multitouch | 20 Point Multitouch | 20 Point Multitouch |
| Touch Screen Writing Tools | Stylus or Finger | Stylus or Finger | Stylus or Finger |
| Positioning Accuracy | ±1mm | ±1mm | ±1mm |
| FULL FREQUENCY SPEAKER | | | |
| Speaker Position | bottom front | bottom front | bottom front |
| Speaker Rated Impedance | 6Ω | 6Ω | 6Ω |
| Speaker Freq.Response | 250Hz-20KHz SPL -10dB | 250Hz-20KHz SPL -10dB | 250Hz-20KHz SPL -10dB |
| Output S.P.L. | 80±3dB | 80±3dB | 80±3dB |
| Speaker Max.Power Output | 20Wx2 | 20Wx2 | 20Wx2 |
| WOOFER | | | |
| Speaker Position | back center | back center | back center |
| Speaker Rated Impedance | 4Ω | 4Ω | 4Ω |
| Speaker Freq.Response | 20Hz-20KHz SPL -10dB | 20Hz-20KHz SPL -10dB | 20Hz-20KHz SPL -10dB |
| Output S.P.L. | 77±2dB | 77±2dB | 77±2dB |
| Speaker Max.Power Output | 15Wx1 | 15Wx1 | 15Wx1 |
| 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) |
| 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) |
| Installation Method (optional) | wall-mounted / mobile stand | wall-mounted / mobile stand | wall-mounted / mobile stand |
| Outline Dimension(without wall mount bracket thickness) | 1513 x 926 x 115 mm | 1735 x 1050 x 116 mm | 1981 x 1190 x 116 mm |
| Packing Dimension | 1640 x 207 x 1036 mm | 1859 x 227 x 1160 mm | 2119 x 250 x 1290 mm |
| Net Weight | 39 kg | 50 kg | 65 kg |
| Gross Weight | 49 kg | 64 kg | 82.5 kg |
| SMART SYSTEM | | | |
| SoC Chipset | Amlogic 311D2 | Amlogic 311D2 | Amlogic 311D2 |
| RAM | 8GB | 8GB | 8GB |
| Flash Memory | 64GB | 64GB | 64GB |
| Extra Memory (Built in) | 32GB or 64GB (TF Card) | 32GB or 64GB (TF Card) | 32GB or 64GB (TF Card) |
| Android Version | Android 11 | Android 11 | Android 11 |
| Multimedia File Formats Support | *Image: JPEG, BMP, PNG Video: MPEG1, MPEG2, MPEG4, SorensonH.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" | | |
| Proximity Sensor | 2 | 2 | 2 |
| Camera Module | optional | optional | optional |
| FRONT I/O | | | |
| USB Type-C (PD 100W) | 1 | 1 | 1 |
| HDMI IN 2.0 | 1 | 1 | 1 |
| USB Type-B (Touch) | 1 | 1 | 1 |
| USB 3.0 Type-A | 1 | 1 | 1 |
| Microphone In | 1 | 1 | 1 |
| REAR I/O | | | |
| HDMI IN 2.0 | 2 | 2 | 2 |
| DisplayPort 1.2 | 1 | 1 | 1 |
| USB Type-B (Touch) | 3 | 3 | 3 |
| USB 3.0 Type-C (no PD) | 1 | 1 | 1 |
| USB 3.0 Type-A | 2 | 2 | 2 |
| USB 3.0 Type-A to Android | 1 | 1 | 1 |
| HDMI OUT 2.0 | 1 | 1 | 1 |
| RS232 | 1 | 1 | 1 |
| RJ45 (Gigabit) | IN*1 & OUT*1 | IN*1 & OUT*1 | IN*1 & OUT*1 |
| OPS Slot | 1 | 1 | 1 |
| SPDIF | 1 | 1 | 1 |
| Audio Line Out | 1 | 1 | 1 |
| WiFi Module Slot(wifi module is standard for Q+ series) | 1 | 1 | 1 |
| SDM-S Slot | Yes | Yes | Yes |
| CAMERA MODULE | | | |
| Camera Resolution | 4K@ 30 Hz /UHD | 4K@ 30 Hz /UHD | 4K@ 30 Hz /UHD |
| Field of View | 120° FOV Lenses | 120° FOV Lenses | 120° FOV Lenses |
| RGB Camera | 3840 x 2160/30fps | 3840 x 2160/30fps | 3840 x 2160/30fps |
| Camera Tile Range | 15° | 15° | 15° |
| WIFI MODULE | | | |
| Parameters | wifi 6 +BT 5.2 | wifi 6 +BT 5.2 | wifi 6 +BT 5.2 |
| Microphone | | | |
| Mic Position | 8-mic array - upper front | 8-mic array - upper front | 8-mic array - upper front |
| Distance | 8m | 8m | 8m |