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 Redefinde 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.

PRODUCT SPECIFICATIONS

Q+ SERIES

MODEL	TT-6521Q/TT-6522Q	TT-7521Q/TT-7522Q	TT-8621Q/TT-8622Q
DISPLAY			
Active Screen Size	65"	75"	86"
Backlight (new OD28 BLM)	DLED	DLED	DLED
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)
Pixel Pitch	0.4935 mm x 0.4935 mm	0.4935 mm x 0.4935 mm	0.4935 mm x 0.4935 mm
Brightness	450 cd/m²	450 cd/m²	500 cd/m²
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
Refresh Rate	120Hz	120Hz	120Hz
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 points for Windows & 10 Points for Android	20 points for Windows & 10 Points for Android	20 points for Windows & 10 Points for Android
Touch Screen Writing Tools	Stylus or Finger (Pen tip > Φ2.0mm)	Stylus or Finger (Pen tip > Φ2.0mm)	Stylus or Finger (Pen tip > Φ2.0mm)
Positioning Accuracy	±1mm	±1mm	±1mm
Glass Thickness	3 ≥ mm	3 ≥ mm	3 ≥ mm
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
MECHANICAL/TRANSPORTATION / STORAGE/ACCESSORIES			
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
Pen Tray	Yes	Yes	Yes
Accessories	Stylus pen x2, Power cable, HDMI Cable, Wall mount kit Remote Controller	Stylus pen x2, Power cable, HDMI Cable, Wall mount kit Remote Controller	Stylus pen x2, Power cable, HDMI Cable, Wall mount kit Remote Controller
SMART SYSTEM			
SoC Chipset	Amlogic 311D2	Amlogic 311D2	Amlogic 311D2
CPU	A73*4 + A53*4 (Octa Core)	A73*4 + A53*4 (Octa Core)	A73*4 + A53*4 (Octa Core)
GPU	G52*8 (Octa Core)	G52*8 (Octa Core)	G52*8 (Octa Core)
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.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 Button	Yes	Yes	Yes
Proximity Sensor	2	2	2
OSD Control Function	RS232C, IR Remote controller	RS232C, IR Remote controller	RS232C, IR Remote controller
Blue Light	Yes, Blue light contributes to digital eye strain		

newline

1-800-419-0309
www.newlineinteractive.in

Chennai
Door Nos:684 to 690, Unit No 3B2, 10th Floor, Seethakathi Business Centre, Thousand Lights, Anna Salai, Chennai – 600 006.

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 Kurla Road, Andheri East Mumbai-400059, Maharashtra.

PRODUCT SPECIFICATIONS

MODEL	TT-6521Q/TT-6522Q	TT-7521Q/TT-7522Q	TT-8621Q/TT-8622Q
GUI (Graphic User Interface)	The display must have GUI for ease access of resources, functions, and shortcuts		
Discussion / White Board	Build-in white board (seamless writing) with different size of pen thickness.		
Display Management	Centrally Manage All Interactive Displays, Easily manage and deploy apps, configure display settings, use digital signage features, or broadcast emergency messages to all interactive displays, without ever having to leave your desk.		
Cast	Inbuilt wireless presentation software. Presenter must have control of the GUI of this Remote Presentation Kit from the Touch Interactive Flat Panel Display. Upto 4 Screen Shairing Facilities at a time, System Supported - Win/Mac/iOS/Android.		
Broadcast Facility	Share content to audiences of any size hassle-free broadcasting; Joining the broadcast facility: Access the Broadcast webpage and share screen in real-time from display to any participant connected. Upto 200 participants to connect their own device from the meeting room, classroom, lecture theater or any other place with a network connection.		
Other Features	The onboard system support, Annotation, saving and send email of annotation files and selecting the inputs and changing the volume, scheduling function for meeting room/classroom schedules.		
Email Support	Pre loaded Aqua mail.		
Multimedia Files	Support all major types of multi-media files.		
Protection	Smart Eye Protection to keep eye vision safe from IFPD's light.		
Ota (Over-the-air)	Upgrade the latest firmware for displays through OTA Update support for smooth operation.		
Operation System Support	Windows 7,8,10 /Mac 10.10-10.14		
Object Regonisation	• Fist/palm: identified as an eraser (100 pt). • Fine Pen (>2mm): suggested to use while writing. • Thick Pen (≥ 8 mm)/ finger: suggested to use when you want to highlight		
Business Calendar	A pre loaded business calenser is available that can set schedules and synchronize with Google calendar for meeting room schedules		
App Store	User can downlaod multiple applications from built-in app store		
Promixity Sensor	PROXIMITY SENSOR FOR AN ECO-FRIENDLY WORKSPACE - Equipped with Proximity Sensor, the interactive displays will power on/off automatically based on human presence in the room.		
Self Shutdown	Must have self shutdown option during abnormal temperature		
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 /BLUETOOTH			
Parameters	Dual Band wifi 6 (2.4G/5G), Hotspot + BT 5.2	Dual Band wifi 6 (2.4G/5G), Hotspot + BT 5.2	Dual Band wifi 6 (2.4G/5G), Hotspot + 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

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