

newline



Android 8.0



Diverse
Connectivity



Intelligent
Touch



Go
Wireless



Android/Win
MacOS/Chrome
Compatibility



Object
Recognition



Easy to
Use



Energy
Efficient

THE **ALL-ROUND** EDUCATION SOLUTION

Newline RS+ is user-friendly and suits every classroom. With the dual interface, also young students will be impressed. The unique fast keys make navigation between your favorite apps, interactive whiteboard, computer and any other source super easy. Clear images, vibrant colors and an intuitive writing experience with recognition of pen, finger and fist define RS+. Complete with integrated interactive ecosystem tools, RS+ is the ultimate solution for your classroom!

Newline RS+ includes the following interactive ecosystem tools for Android:

CAST

BROADCAST

DISPLAY MANAGEMENT



Special Features

Built-In Apps - Everything to schedule meetings, manage e-mails, save and open files with the cloud and work on documents: **Office Viewer** (Word, Excel, PPT, PDF), **File Commander, E-mail, Business Calendar, Gallery, Calculator**

Interactive Whiteboard function – **3 independent fields for simultaneous work of 3 people**

USB Viewer - allows files to be displayed directly from a USB stick

Cast device screens and present wirelessly from any network with a single click. Share video, links, and files from any device

BYOD enabling: Cast & Share Screens

Broadcast content or **present wirelessly from a personal device**, invite up to 200 participants to connect from their own

Intelligent Touch Recognition: *Object Recognition* brings an intuitive writing experience - write with a thin pen, erase with your palm

Display management: centrally manage and deploy apps, configure settings, use digital signage and broadcast messages to all your Newline displays (Free of charge for the first 3 years after acquiring)

Launch control: the proximity sensor to quickly launch your device

Intelligent thermal protector: Automatic Hibernate when overheated

Over-The-Air (OTA) firmware update (Android PC)

Optional OPS PC with Windows 10 Pro

Newline App Store

Newline Classroom Tools

| MODEL | TT-6519RS | TT-7519RS | TT-8619RS |
|----------------------------------|--|-------------------------------------|-------------------------------------|
| Display | | | |
| Backlight | LED | | |
| Active screen size | 65" | 75" | 86" |
| Display ratio | 16:9 | | |
| Resolution | 3840 x 2160 Pixel (4K) | | |
| Display colors | 8 bit (1.07 billion) | | 10 bit (1.07 billion) |
| Brightness | ≥ 370cd/m2 | | |
| Contrast ratio (Dynamic) | 4000:1 | | |
| Response time | 8 ms | | |
| Panel viewing angle | 178° | | |
| Life time | Minimum 30,000 hours | | |
| Touch | | | |
| Touch surface technology | Anti-glare tempered glass and anti-fingerprint | | |
| Transparency | >88% | | |
| Haze | 2% ~ 5% | | |
| Surface hardness | 7H | | |
| Touch sensor | Advanced Infrared Touch System | | |
| HID Support | HID | | |
| Touch points | 20 Points under Windows 10 Points under Android | | |
| Touch Screen Writing Tools | Nano Pen (≥3mm width), Finger and Fist | | |
| Touch Response time | ≤10ms | | |
| Writing tools | Stylus, finger, fist | | |
| Positioning accuracy | ±1mm | ±1mm | ±1mm |
| Communication interface | USB-A | | |
| Speaker | | | |
| Speaker position | Forward | | |
| Rated impedance | 8Ω | | |
| Frequency response | 180Hz-20kHz | 180Hz-20kHz | 180Hz-20kHz |
| Max. power output | 15W x 2 | | |
| Electrical | | | |
| Power consumption supported | Maximum ≤250W Standby Mode ≤0.5W | Maximum ≤400W Standby Mode ≤0.5W | Maximum ≤450W Standby Mode ≤0.5W |
| Working voltage | AC 100-240V, 50/60Hz | | |
| Transportation / Storage | | | |
| Mounting (optional) | Wall-mounted / Floor Stand | | |
| Outline dimension | 1546 x 944 x 96mm | 1770 x 1071 x 109mm | 2019 x 1212 x 109mm |
| Net weight | 44 kg | 56 kg | 72 kg |
| Gross weight | 59 kg | 73 kg | 93 kg |
| VESA | 600 x 400 mm | 800 x 400 mm | 800 x 400 mm |
| Smart System | | | |
| Chipset | MTK8386 | | |
| CPU | ARMv8 A73 x 2+A53 x 2 (A53: 1.05-1.3GHz; A73: 1.15-1.5GHz) | | |
| GPU | Mali-G51MP2 650 MHz | | |
| RAM | 3 GB (1 GB built-in DDR3 + 2 GB on board DDR4) | | |
| ROM | 16 GB (built-in on the main board) | | |
| Additional embedded Flash Memory | 32 GB (not accessible for users) | | |
| System version | 8.0.0 | | |
| 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 | | |
| Speciality | | | |
| Intelligent thermo protector | Automatic Hibernate when over heated | | |
| OPS PC | Optional | | |
| WIFI Dongle | 802.11 a/b/g/n/ac | | |
| Ports | | | |
| Front interface inputs | HDMI 1.4 (4K@30Hz) x 1, USB (Touch) x 1, USB 2.0 (Dynamic) x 2, MIC (jack 3.5mm) x 1 | | |
| Rear AV inputs | HDMI 2.0 (4K@60Hz) x 2, DP1.2 (4K@60Hz) x 1, VGA (1920x1080@60Hz) x 1 + PC Audio x 1, USB (Touch) x 4 | | |
| Rear AV outputs | HDMI out (Support 4k@60Hz, 1920x1080@60Hz, 720x480@60Hz) x 1, Line Out x 1, SPDIF out x 1 | | |
| Other | USB 2.0 (Dynamic) x 1, USB 3.0 (Dynamic) x 1, USB 2.0 (Embedded) x 1, RS232 x 1, RJ45 x 2 (in/Out), OPS Slots (4K@60Hz) x 1, DC 5V-2A out x 1 | | |

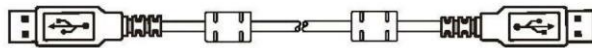
RS+Series

Accessory

TT-6519RS

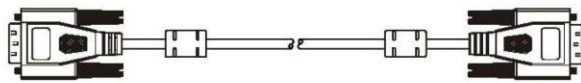
TT-7519RS

TT-8619RS



USB cable (A-A)

x1



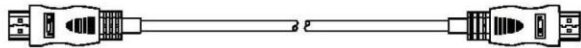
VGA cable

x1



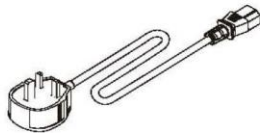
Audio cable

x1

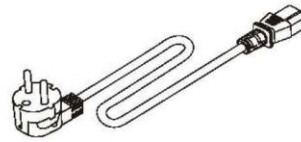


HDMI cable

x1



UK Power cord x1



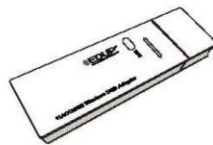
EU Power cord x1



Remote control x1



AAA Battery x2



Dual Wi-Fi dongle x1



Magnetic Pen

x2

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NEWLINE INTERACTIVE INC.
101 East Park Blvd.
Suite 807 Plano,
TX 75074, USA
TEL: +1 888 233 0868

EUROPE OFFICE
Ronda de Poniente, N°2, 1st floor,
Oficina 1B, 28760,
Tres Cantos, Madrid, Spain
TEL: +34 911169178
info_eu@newline-interactive.com

ASIA PACIFIC OFFICE
17F, No. 653, Bannan Rd.,
Zhonghe Dist., New Taipei City
235, Taiwan
TEL: +886 282282089

INDIA OFFICE
Room No. 203, No.37, TTK Road,
Alwarpet, Chennai,
Tamil Nadu, India, 600018
TEL: +91 44 46945513

www.newline-interactive.com

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