

## newline

All Stars

Lyra is a small constellation in the northern sky hosting Vega, one of the brightest stars in the night sky, and the Ring Nebula.













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### POWERFUL, SECURE AND SAFE!

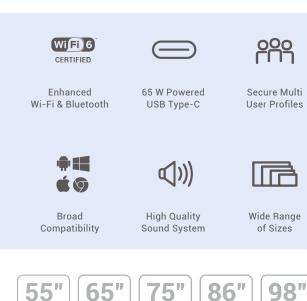
The most innovative education solution to date, Newline Lyra is more powerful, secure and future-proof than any previous solution. Extensive connectivity, amazing ease of use, and paper-like writing technology allow users to stay fully focused on teaching. All this while offering a captivating experience that will keep students engaged, with vibrant colours and crystal clear 4K image from every seat in the room. Go shoot for the stars!



#### NEWLINE INTERACTIVE ECOSYSTEM

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





#### PRODUCT SPECIFICATIONS

## LYRA

MODEL	
Lyra 55"	TT-5521Q
Lyra 65"	TT-6521Q
Lyra 75"	TT-7521Q
Lyra 86"	TT-8621Q
Lyra 98"	TT-9821Q

#### PANEL

Backlight	Direct LED ( Wide color gamut + Anti blue light)
Display Area	55": 1211 x 682 mm 65": 1428 x 803 mm 75": 1650 x 928 mm 86": 1895 x 1066 mm 98": 2161 x 1216 mm
Display Ratio	16:9
Resolution	3840 x 2160 (4K)
Colours	1,07 Billion
Brightness	55": 400 cd/m <sup>2</sup> 65": 400 cd/m <sup>2</sup> 75": 400 cd/m <sup>2</sup> 86": 400 cd/m <sup>2</sup> 98": 400 cd/m <sup>2</sup>
Contrast Ratio	5000:1
Response Time	6 ms
Viewing Angle	178°
Display Life Time	≥50000 hours
Glass Surface	Anti-Glare+Anti-Fingerprint, + Antimicrobial Tempered Glass
Transparency	>88%
Haze	2 %~5%
Touch Surface Hardness	7H

#### POWER CONSUMPTION

St	andard mode	55": 110,9 W 65": 134 W 75": 142 W 86": 207 W 98": 422 W
St	andby mode	<0,5 W

#### TOUCH

Touch Technology	Stellar Touch Technology
Touch Points	20 Windows / 20 Android
Touch Screen Writing Tools	Passive pen, Finger, Fist
Number of stylus	2
Accuracy	±1 mm

#### **SPEAKER**

Speaker Position	Front Facing
Speaker Rated Impedance	6 Ω
Speaker Max.Power Output	20 W x 2

#### FRONT I/O

USB Type-C (Powered 65 W)	1
HDMI IN 2.0	1
USB Type-B (Touch)	1
USB 3.0 Type-A	1
Microphone In	1

REAR I/O	
HDMI IN 2.0 (4k@ 60 Hz)	2
DisplayPort 1.2	1
USB Type-B 3.0 (Touch)	3
USB Type-C (No Power Delivery)	1
USB Type-A 3.0	2
USB 3.0 Type-A to Android	1
HDMI OUT 2.0 (4k@ 60 Hz)	1
RS232	1
RJ45 (Gigabit)	In x 1 / Out x 1
OPS Slot	1
SPDIF	1
Audio Line Out (Jack 3,5 mm)	1
VGA Adaptor (Cable)	1
Power Out Connect (180 W)	1
Power Out Connect (180 W)	1

#### SMART SYSTEM

SoC Chipset	Amlogic A311D2 octa-core processor 4 x Cortex-A73 at 2,2 GHz, 4 x Cortex-A53 at 2,0 GHz
RAM	4 GB DDR4
Storage	64 GB
Operating System	Android 11(Upcoming OTA Android 13 Upgrade)
Formats Support For Image	JPEG, BMP, PNG
Formats Support For Video	MPEG1, MPEG2, MPEG4, Sore nsonH.263,H.263,H.264,MVC, AVS,AVS+,WMV3,VC1,Motion JPEG,VP8,VP9,RV30/RV40
Formats Support For Audio	MPEG1/2ER1;@LAYER 2;@LAYER3,EAC3,ACC- LC,HEAAC,VORBIS,LPCM,IMA- ADPCM,MS-ADPCM,G711 A/MU- LAW,LBR(COOK),FLAC
Camera Slot	1
Wi-Fi 6 + Bluetooth 5.2 Module	Integrated (Replaceable)

#### EXTRA FIRMWARE FEATURES

Lan control	$\checkmark$
Wake on Lan	$\checkmark$
CEC	$\checkmark$
Multiuser profile / User Profiles: 6	1 Admin + 5 Users
Setting Menu Admin Mode	$\checkmark$

#### **TRANSPORTATION / STORAGE**

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Outline Dimensions (Excl. wall mount)	55": 1294 x 808,5 x 101 mm 65": 1513 x 927 x 121mm 75": 1735 x 1051 x 123 mm 86": 1981 x 1191 x 123 mm 98": 2258.4 x 1344.8 x 122mm
Net Weight	55": 31,5 kg 65": 39 Kg 75": 52 Kg 86": 65 Kg 98": 108 Kg
VESA	55": 400 x 400 mm 65": 600 x 400 mm 75": 800 x 400 mm 86": 800 x 400 mm 98": 800 x 600 mm



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