

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



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.

- WHITEBOARD
- CAST
- BROADCAST
- ENGAGE
- REACTIV SUITE
- APP STORE
- CLASSROOM TOOLS
- DISPLAY MANAGEMENT



Enhanced Wi-Fi & Bluetooth



65 W Powered USB Type-C



Secure Multi User Profiles



Broad Compatibility



High Quality Sound System



Wide Range of Sizes

- 55"
- 65"
- 75"
- 86"
- 98"

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 ²
	65": 400 cd/m ²
	75": 400 cd/m ²
	86": 400 cd/m ²
98": 400 cd/m ²	
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

Standard mode	55": 110,9 W
	65": 134 W
	75": 142 W
	86": 207 W
98": 422 W	
Standby 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

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, H.263, H.263H, 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	✓
Wake on Lan	✓
CEC	✓
Multiuser profile / User Profiles: 6	1 Admin + 5 Users
Setting Menu Admin Mode	✓

TRANSPORTATION / STORAGE

Outline Dimensions (Excl. wall mount)	55": 1294 x 808,5 x 101 mm
	65": 1513 x 927 x 121 mm
	75": 1735 x 1051 x 123 mm
	86": 1981 x 1191 x 123 mm
98": 2258,4 x 1344,8 x 122 mm	
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	