

# newline

All Stars

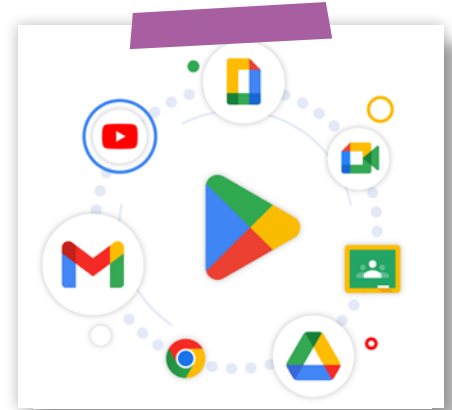
NEW 2024

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



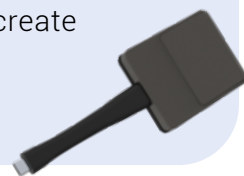
## SECURE EDLA CLASSROOM INNOVATION

Discover Lyra Pro, our best education solution. **Google EDLA** certified, it seamlessly integrates with Google Apps, featuring high-precision zero bonding for unparalleled writing. The super-fast display delivers crystal-clear 4K images with powerful sound. Modular upgrades ensure adaptability, while the secure Android 13 platform prioritizes safety. Transform classrooms with Lyra Pro, redefining education for today and beyond.









### MODULAR SYSTEM

Elevate your experience with our universe of solutions. Customise your display with Newlines' accessories. Mix and match to create the perfect fit.



### NEWLINE INTERACTIVE ECOSYSTEM

The Newline Interactive Ecosystem enhances teaching with versatile tools that seamlessly integrate with any software or device, meeting all classroom needs.

 Enhanced Wi-Fi & Bluetooth	 65 W Powered USB Type-C	 Secure Multi User Profiles
 Broad Compatibility	 High Quality Sound System	 SDM-S Ready

- WHITEBOARD
- CAST+
- ENGAGE
- CLASSROOM TOOLS
- DISPLAY MANAGEMENT

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

## MODEL

Lyra 55"	TT-5523QA
Lyra 65"	TT-6523QA
Lyra 75"	TT-7523QA
Lyra 86"	TT-8623QA
Lyra 98"	TT-9823QA

## PANEL

Backlight	Direct LED ( Wide color gamut + Anti blue light)
Glass Surface	Anti-Glare + Anti-Fingerprint + Antimicrobial Tempered Glass
Bonding Technology	Certified Zero Bonding
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": 450 cd/m <sup>2</sup> 65": 450 cd/m <sup>2</sup> 75": 450 cd/m <sup>2</sup> 86": 450 cd/m <sup>2</sup> 98": 450 cd/m <sup>2</sup>
Contrast Ratio	5000:1
Response Time	5 ms
Viewing Angle	178°
Display Life Time	≥50000 hours
Transparency	>88%
Haze	2 %~5%
Touch Surface Hardness	7H

## POWER CONSUMPTION

	55": 95 W 65": 96 W 75": 120 W 86": 128 W 98": 207 W
Standard mode*	
Standby mode*	<0,5 W

## TOUCH

Touch Technology	Stellar Touch Technology
Touch Points	40 Windows / 20 Android
Touch Screen Writing Tools	Passive pen, Finger, Fist
Number of stylus	2
Accuracy	±1 mm
Palm Rejection	✓
Real Palm Rejection	✓

## 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	2
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
SDM-S Slot	1
SPDIF	1
Audio Line Out (Jack 3,5 mm)	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	8 GB DDR4
Total Storage	128 GB (Expandable)
Operating System	Android 13
Google EDLA	✓
Formats Support For Image	JPEG, BMP, PNG MPEG1, MPEG2, MPEG4, Sony H.263, H.263, H.264, MVC, AVS, AVS+, WMV3, VC1, Motion JPEG, VP8, VP9, RV30/RV40
Formats Support For Video	MPEG1/2ER1; @LAYER 2; @LAYER3, EAC3, ACC-LC, HEAAC, VORBIS, LPCM, IMA-ADPCM, MS-ADPCM, G711 A/MU-LAW, LBR(COOK), FLAC
Formats Support For Audio	
Camera Slot	1
Wi-Fi 6 + Bluetooth 5.2 Module	Integrated (Replaceable)

## EXTRA FIRMWARE FEATURES

Multiuser profile	✓
Google Certified	✓
Embedded Google Apps	✓

## TRANSPORTATION / STORAGE

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

\* The provided measures are indicative and subject to further adjustments. They are not yet considered definitive.