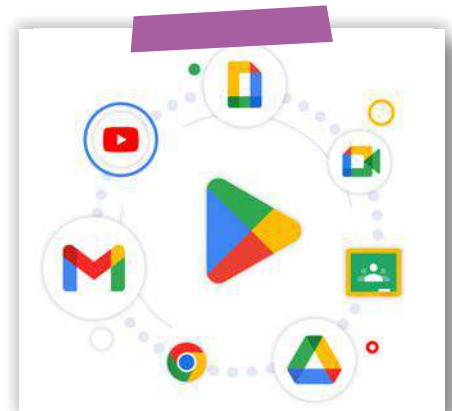


Lyra is a small constellation in the northern sky hosting Vega, one of the brightest stars in the night sky, and the Ring Nebula.



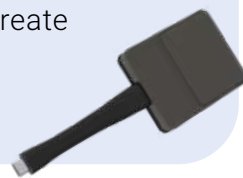
SECURE EDLA CLASSROOM INNOVATION

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.

WHITEBOARD CAST+ ENGAGE

CLASSROOM TOOLS DISPLAY MANAGEMENT

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

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

MODEL

Lyra 55"	TF5523QA
Lyra 65"	TF6523QA
Lyra 75"	TF7523QA
Lyra 86"	TF8623QA
Lyra 98"	TF9823QA

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 ² 65": 450 cd/m ² 75": 450 cd/m ² 86": 450 cd/m ² 98": 450 cd/m ²
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 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

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