

# newline

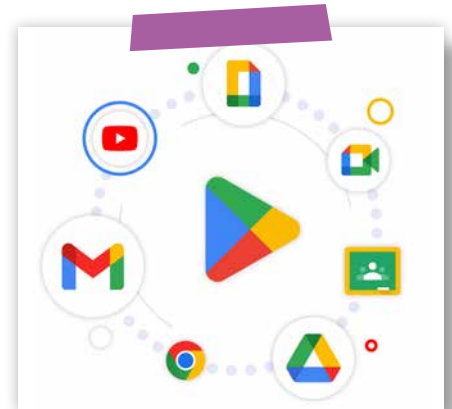
*All Stars*

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



## 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.



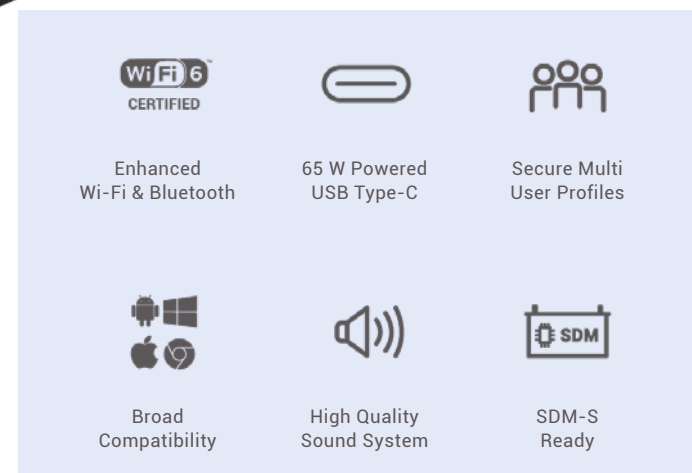
### MODULAR SYSTEM

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 DISPLAY MANAGEMENT PLUS  
CLASSROOM TOOLS SIGNAGE PRO

55" 65" 75" 86" 98"

**MODEL**

|              |           |
|--------------|-----------|
| LYRA Pro 55" | TT-5523QA |
| LYRA Pro 65" | TT-6523QA |
| LYRA Pro 75" | TT-7523QA |
| LYRA Pro 86" | TT-8623QA |
| LYRA Pro 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<br>65": 1428 x 803 mm<br>75": 1650 x 928 mm<br>86": 1895 x 1066 mm<br>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><br>65": 450 cd/m <sup>2</sup><br>75": 450 cd/m <sup>2</sup><br>86": 450 cd/m <sup>2</sup><br>98": 450 cd/m <sup>2</sup> |
| Contrast Ratio         | 5000:1                                                                                                                                             |
| Response Time          | 5 ms                                                                                                                                               |
| Viewing Angle          | 178°                                                                                                                                               |
| Display Life Time      | ≥ 50 000 hours                                                                                                                                     |
| Transparency           | > 88%                                                                                                                                              |
| Haze                   | 2 % ~ 5 %                                                                                                                                          |
| Touch Surface Hardness | 7 H                                                                                                                                                |

**POWER CONSUMPTION**

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

**TOUCH**

|                            |                                    |
|----------------------------|------------------------------------|
| Touch Technology           | Stellar Touch Technology           |
| Touch Points               | 50 Windows<br>20 Android/MAC/Linux |
| Touch Screen Writing Tools | Passive pen, Finger, Fist          |
| Number of stylus           | 2                                  |
| Accuracy                   | ±1 mm                              |
| 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 2.1 with HDCP 2.2 | 1 |
| USB Type-B (Touch)        | 1 |
| USB 3.2 Type-A            | 2 |
| Microphone In             | 1 |

**REAR I/O**

|                                       |                  |
|---------------------------------------|------------------|
| HDMI IN 2.1 with HDCP 2.2 (4k @60 Hz) | 2                |
| DisplayPort 1.2                       | 1                |
| USB Type-B 3.2 (Touch)                | 3                |
| USB Type-C (Powered 15 W)             | 1                |
| USB Type-A 3.2                        | 2                |
| USB 3.2 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 Certified                                                                                                                 |
| Google EDLA                    | ✓                                                                                                                                    |
| Formats Support For Image      | JPG, JPEG, BMP, PNG<br>MPEG1, MPEG2, MPEG4, SorensonH.263, H.263, H.264, MVC, AVS, AVS+, WMV3, VC1, Motion JPEG, VP8, VP9, RV30/RV40 |
| Formats Support For Video      |                                                                                                                                      |
| Formats Support For Audio      | MPEG1/2ER1; @LAYER2; @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**

|                      |   |
|----------------------|---|
| Multiuser profile    | ✓ |
| Embedded Google Apps | ✓ |

**DIMENSIONS / WEIGHT**

|                                        |                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Outline Dimensions* (Excl. wall mount) | 55": 1294 x 808 x 101 mm<br>65": 1513 x 927 x 118 mm<br>75": 1735 x 1051 x 119 mm<br>86": 1982 x 1191 x 119 mm<br>98": 2258 x 1345 x 122 mm |
| Net Weight*                            | 55": 31,5 Kg<br>65": 39 Kg<br>75": 52 Kg<br>86": 65 Kg<br>98": 108 Kg                                                                       |
| VESA*                                  | 55": 400 x 400 mm<br>65": 600 x 400 mm<br>75": 800 x 400 mm<br>86": 800 x 400 mm<br>98": 800 x 600 mm                                       |

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