

OneScreen TL7 vs Newline Series

Hardware	OneScreen TL7	Newline Z Series	Newline Q Series
Display and Sound			
Screen Sizes Available	55" / 65" / 75" / 86"	55" / 65" / 75" / 86"	55" / 65" / 75" / 86" / 98"
Screen Type	LED	LED	LED
Resolution	4K Ultra HD, 3840(H) x 2160(V)	4K Ultra HD, 3840(H) x 2160(V)	4K Ultra HD, 3840(H) x 2160(V)
Aspect Ratio	16:9	16:9	16:9
Brightness	400 cd/m2	400 cd/m2	400 cd/m2
Power Consumption	55": 160W	55": 250 W	55": 250 W
	65": 200 W	65": 400W	65": 550 W
	75": 200 W	75" 500 W	75": 620 W
	86": 350 W	86" 550W	86" 650 W
	-	-	98" 750 W
Power Consumption (Standby)	< 0.5 W	< 0.5 W	< 0.5 W
Refresh Rate	60 Hz	60 Hz	60 Hz
No. of Colors	1.07 billion	1.07 billion	1.07 billion
Viewing Angle	178°	178°	178°
Lifespan	>50,000 hours	>50,000 hours	>50,000 hours
Slot for PC	Yes	Yes	Yes
Input Ports	3x HDMI in (1x Front & 2x Back)B16	3x HDMI in (Back)	3x HDMI in (Back)
	2x Touch USB (1x Front & 1x Back)	4x Touch USB (Back)	4x Touch USB (Back)
	1x Audio In 3.5mm / VGA Audio in	1x Audio In 3.5mm (Back)	1x Audio In 3.5mm (Back)
	1x VGA In (Back)	-	-
Output Ports	1x Audio Out 3.5mm (Back)	1x Audio Out 3.5mm (Back)	1x Audio Out 3.5mm (Back)
	-	1x S/PDIF Out (Back)	1x S/PDIF Out (Back)
	1x HDMI-Out (Back)	1x HDMI-Out (Back)	1x HDMI-Out
Connectivity	1x USB Type-C 4K @ 60 Hz (65W Power Delivery)	2x USB Type-C (1x 65W Power Delivery, 1x no PD)	2x USB Type-C (1x 65W Power Delivery, 1x no PD)
	5x USB Type A (2x 3.0 at Front, 2x 3.0 at back ; 1x 2.0 at back)	4x USB Type A (3x 3.0, 1x 3.0 to Android) (back)	4x USB Type A (3x 3.0, 1x 3.0 to Android) (back)
	2x RJ45 (Passthrough)	2x RJ45 (Passthrough)	2x RJ45 (Passthrough)
	1x RS232 (DB-9 Connector)	1x RS232 (DB-9 Connector)	1x RS232 (DB-9 Connector)
	2.4Ghz/5Ghz (Wi-Fi 6 enabled)	2.4Ghz/5Ghz (Wi-Fi 6 enabled)	2.4Ghz/5Ghz (Wi-Fi 6 enabled)
	Wi-Fi Hotspot 2.4Ghz/5GHz (Wi-Fi 6 enabled)	Wi-Fi Hotspot 2.4Ghz/5GHz (Wi-Fi 6 enabled)	Wi-Fi Hotspot 2.4Ghz/5GHz (Wi-Fi 6 enabled)
	Bluetooth 5.2	Bluetooth 5.0	Bluetooth 5.0
Product Weight	55": 57.54 lbs	55": 61.7 lbs	55": 69.4 lbs net, 83.8 lbs gross
	65": 77.1 lbs	65": 79.3 lbs	65": 85.9 lbs net, 110.2 lbs gross
	75": 104.3 lbs	75": 110.2 lbs	75": 114.6 lbs net, 145.5 lbs gross
	86": 129.1 lbs	86": 132.3 lbs	86": 143.3 lbs net, 180.8 lbs gross
	-	-	98": 187.4 lbs net, 220.5 lbs gross
Speakers	2x 16W, front facing speakers with stereo output	2x 20W front facing with subwoofer	2x 20W front facing
Built-in Microphone	Webcam with built-in mic (optional)	Yes	No
Sensors	Ambient light, IR Sensor	Proximity Sensor, IR Sensor	IR Sensor
Gesture Control	Yes	Yes	Yes
Surface Protection	Level 7 MoHS tempered glass (anti-glare and anti-fingerprint)	Level 7 MoHS tempered glass (anti-glare, anti-fingerprint and Antimicrobial)	Level 7 MoHS tempered glass (anti-glare, anti-fingerprint and Antimicrobial)

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Operating System			
Operating System	Android 11.0	Android 11.0	Android 11.0
RAM	8 GB	8 GB	4 GB
Storage	64 GB	64 GB	32 GB
Apps Store	OneScreen Store	Newline App Store	Newline App Store
Wireless Screen Sharing/Mirroring	Yes	Yes	Yes
Over-the-Air (OTA) Updates	Yes	Yes	Yes
Touch			
Touch Technology	Infrared with zero bonding Gen2	Projective Capacitive touch with Optical bonding	Infrared
Points of Touch Supported	Up to 40	Up to 40	Up to 20
Supported Operating Systems for touchscreen	Windows	Windows	Windows
	Linux	Linux	Linux
	Mac	Mac	Mac
	Android	Android	Android
	Chrome OS	Chrome OS	Chrome OS
Response Time	≤ 7 ms	8 ms	8 ms
Touch Accuracy	1.5 mm	2 mm	2 mm
Accessories			
Stylus	2x Magnetic Stylus (anti bacterial)	2x Magnetic Stylus	2x Magnetic Stylus
Cables	1x Power Cable	1x Power Cable	1x Power Cable
	1x HDMI Cable (3840x2160 @ 60Hz)	1x HDMI Cable (3840x2160 @ 60Hz)	1x HDMI Cable (3840x2160 @ 60Hz)
	1x USB Touch Cable	1x USB Touch Cable	1x USB Touch Cable
	1x USB-C Cable	1x USB-C Cable	1x USB-C Cable
	1x USB-C Cable	1x Audio CableC59	1x Audio Cable
Remote Control	-	1x	1x
Wall Mount	Yes (VESA Standard)	Yes (VESA Standard)	Yes (VESA Standard)
Built-in Camera	No	No	No
Screen Cleaning Kit	No	Yes	Yes
Optional OPS			
OPS PC Module	Optional	Optional	
Processor	Intel Core i5 / i7	Intel Core i5 (8th generation) / i5 (8th generation)	
Memory	16 GB (Upgradeable to 32 GB)	16 GB	
Storage	256 GB	256 GB	
Graphics	Intel Iris Xe Graphics	Intel HD Graphics 620	
OPS Connectivity	4x USB 3.0	4x USB (2x 3.0; 2x2.0)	
	1x USB Type-C	1x USB Type-C	
	1x HDMI out	1x HDMI out	
	1x RJ45	1x RJ45	
	1x 3.5 mm Mic in	1x 3.5 mm Mic in	
	1x 3.5 mm Audio Out	1x 3.5 mm Audio Out	
	1x Wi-Fi	1x Wi-Fi	
Operating System	Windows	Windows	

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Softwares Included

Screen Mirroring Software	OneScreen Share	Newline Cast / DisplayNote
Supported Devices	Android, iOS, Mac, Windows, Linux and Chromebook	Android, iOS, Mac, Windows and Chromebook
Maximum number of devices that can be shared simultaneously	9	4
Share device's screen using browser	Yes	Yes
Share Image/Video/Document from device	Yes	Yes
Share device's Camera feed (Play/Pause)	Yes	No
Floating window of shared screen on the interactive display	Yes	No
Share device's specific window only	Yes	Yes
Control other devices from the interactive display	Yes	Yes
Mirroring the interactive display to other devices	Yes	No
Control the interactive display from other devices	Yes	No
Use mobile phone as a touchpad/remote for the interactive display	Yes	No
Moderator Mode - Teacher can launch/disconnect specific/all of the connected devices	Yes	Yes
Camera and Mic sharing over your personal device	Yes	No
Built-in Annotation Tool	Yes	Yes
Supports Chromecast, Airplay and Miracast	Yes	Yes
Annotation Software Android Side	OneScreen Write	Whiteboard
Multi-point touch supported	32 touch points	20 touch points
Gesture Recognition	Pinch in/out zoom in/out Palm erase	Pinch in/out zoom in/out Palm erase
Write on any source	Yes	Yes (Annotation Mode)
Multiple types of writing tools	Yes	Yes
Multi Colored Pen	Yes	No
Draw Shapes	Yes	Yes
Geometry tools	Yes	Yes
Shape recognition	Yes	Yes
Text recognition	Yes	Yes
Background	Preset Colors / Custom Images	Any Color / Preset Images
Pen Type Detection	Yes	Yes
File Sharing Over Email	Yes	Yes
File Sharing through QR Code	Yes	Yes
File saving to cloud	Yes	No
Built-in browser	Yes	Yes
Drag and drop images from browser	Yes	No
Built-in Support	Yes	No
User Accounts	OneScreen Account	Accounts
Multiple accounts	Yes	Yes
Log in via Google/Microsoft Account	Yes	No
Google Drive/OneDrive Integration	Yes	No

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Home Page customization (wallpaper, widgets, app shortcuts)	Yes	Yes
Cloud Storage Supported	Yes	No
Login with NFC	No	No
Sync up files across devices	Yes	No
Student Engagement Tool	OneScreen Class	N/A
Create polls	Yes	-
Allow students to vote from their personal devices	Yes	-
Spinner	Yes	-
Allow students to send messages to be displayed over the screen	Yes (when enabled)	-
Device Administration	Admin Panel	Security Settings
USB Clone (Import/Export all the settings from one device to another)	Yes	Yes
Open default startup item	Yes	No
Kiosk Mode (set up any app/webpage as the default startup item)	Yes	No
Auto Remove files (delete selected type of files after particular interval)	Documents, Images, Audio, Videos and Others	Only screenshots
Disable USB device/port	Yes	Yes
Disable device Wi-Fi/Hotspot/Ethernet/Bluetooth)	Yes	No
Generate and export debugging logs	Yes	No
Install CA Certificates	Yes	Yes
AI based Quiz Generation Tool	QuizWiz	N/A
Tranform text into Quiz automatically	Yes	-
AI based MCQs generation	Yes	-
Export Quiz to PDF format	Yes	-
Hybrid targeted teaching & learning	LearningHub	Newline Launch Control (launches MS Teams, Zoom, Skype)
Give live video lessons	Yes	Yes
Share device's screen	Yes	Yes
Lesson recording	Yes (with audio, video, screen content and live captions)	Yes (with audio, video, screen content and live captions)
Allow On-Screen annotation over content	Yes	Yes
In-meeting polling options	Yes	Yes
Built-in shared notes	Yes	Yes
Built-in AI based Quiz Generator	Yes	No
Generate URL for recorded lesson	Yes	Yes
Auto Engagement Scoring of remote students	Yes	No
Platforms supported for conferencing	Web-based - Android / iOS / Mac / Windows / Chrome OS / Linux	Web-based - Android / iOS / Mac / Windows / Chrome OS / Linux
Integration with LMS software	Yes	Yes
Remote Management	OneScreen Central	Newline Display Management
Remote Management	OneScreen Central	Newline Display Management
Set triggers and alerts	Yes	Yes
Track and lock devices	Yes	Yes
User status	Yes	Yes
Remotely control power options	Yes	Yes
Bulk install, delete and disable applications on multiple devices	Yes	Yes

OneScreen TL7 vs Newline Series

Workflows	Yes	Yes
Push alerts, messages and announcements	Yes	Yes
Smart grouping by class or attributes	Yes	Yes
Messages to multiple recipients simultaneously	Yes	Yes
Annotation Software OPS Side	OneScreen Annotation & Whiteboarding Software	Newline Engage Cloud
Multi-point touch supported	Up to 10	Yes
Gesture Recognition	Pinch in/out zoom in/out	Pinch in/out zoom in/out
Write on any app/window	Yes	No
Built-in Image search engine	Yes	No
Shape recognition	Yes	No
Text recognition	Yes	Yes
Screen recording for whiteboard session with audio recording	Yes	Yes
Screen capture tools	Yes	Yes
Support for annotating on various formats	Yes	Yes
Educational	ZUNI Learning/Oktopus	Oktopus
Dedicated Subject based tools	Yes. (Math, Language, Geography, Chemistry, Physics etc.)	Yes. (Math, Language, Geography, Chemistry, Physics etc.)
Lessons Repository	Thousands of lessons designed for K-12 schools, designed as per curriculum of different states in USA	Thousands of lessons designed for K-12 schools, designed as per curriculum of different states in USA
Lesson Management System	Yes	Yes
Classroom collaboration supported	Yes	Yes
Subject based games	Yes	Yes
Collaboration devices OS supported	iOS, Android, MacOS, ChromeOS, Windows	iOS, Android, MacOS, ChromeOS, Windows
Support and Training		
Help & Support	Free, unlimited, live Screen Skills Guru support available via email, chat, phone, video, audio and Guru app	Yes, via email / call
Live support within product	Free, unlimited, live Screen Skills Guru support directly from our product interfaces and apps	Information not available
Training	Yes. Free, unlimited online training	Information not available
Warranty	3-Year Standard Advanced Hardware Replacement (optional)	Information not available

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