

OneScreen TL7 vs Samsung

Hardware	OneScreen TL7	Flip Pro
Display and Sound		
Screen Sizes Available	55" / 65" / 75" / 86"	55" / 65" / 75" / 86"
Screen Type	LED	LED
Resolution	4K Ultra HD, 3840(H) x 2160(V)	4K Ultra HD, 3840(H) x 2160(V)
Aspect Ratio	16:9	16:9
Brightness	400 cd/m2	350 cd/m2
Power Consumption	55" : 160W 65" : 200 W 75" : 200 W 86" : 350 W	55" : 95 W 65" : 124 W 75" : 187 W 86" : 197 W
Static Contrast Ratio	1200:1	4000:1, 4000:1, 4700:1, 4700:1
Refresh Rate	60 Hz	60 Hz
No. of Colours	1.07 billion	1.07 billion
Viewing Angle	178°	178°
Lifespan	>50,000 hours	>50,000 hours
Slot for PC	Yes	Yes
Input Ports	3x HDMI in (1x Front & 2x Back) 1x VGA In 1 x VGA Audio in / Audio in 2x Touch USB (1x Front & 1x Back) -	2x HDMI in - 1 x Audio in 2x Touch USB (1x Front & 1x Back) 1x Display Port
Output Ports	1 x Audio Out (3.5mm) 1x HDMI-Out	1 x Audio Out (3.5mm) -
Connectivity	1x USB Type-C 4K @ 60 Hz (65W Power Delivery) 5x USB (2x 3.0 at Front, 2x 3.0 at back ; 1x 2.0 at back) 2x RJ45 (Passthrough) - Wi-Fi 6 enabled (2.4Ghz/5Ghz) Wi-Fi Hotspot 2.4Ghz/5GHz Bluetooth 5.2	1x USB Type-C Video and Audio (65W Power Delivery only on 75" and 86") 3x USB (2x SoC, 1x 3.0) 2x RJ45 (Passthrough) 1x RS232 (DB-9 Connector) Wi-Fi 5 (2.4Ghz/5Ghz) No -
Product Weight	55" : 57.5 lbs 65" : 77.1 lbs 75" : 104.3 lbs 86" : 129.1 lbs	55" : 63.1 lbs 65" : 87.5 lbs 75" : 130.7 lbs 85" : 165.7 lbs
Speakers	2x 16W, front facing speakers	55" and 65" : 2x 10W, front facing speakers 75" and 85" : 4x 10W, front facing speakers
Built-in Microphone	Webcam with built-in mic (optional)	No
Sensors	Ambient light, IR Sensor	Ambient light
Gesture Control	Yes	Yes
Surface Protection	Level 7 MoHS tempered glass (anti-glare and anti-fingerprint)	Heat Semi-Strengthened Glass with Shatter-proof film
Operating System		
Operating System	Android 11	Tizen 6.5 : Samsung Proprietary OS(VDlinux)
RAM	8 GB	3.5 GB
ROM	64 GB	32GB
App Store	OneScreen Store	Built-in apps only

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Wireless Screen Sharing/Mirroring	Yes	Yes
Over-the-Air (OTA) Updates	Yes	Yes
Touch		
Touch Technology	Infrared (with zero bonding Gen2)	Infrared
Points of Touch Supported	Upto 40	Upto 20
Supported Operating Systems for touchscreen	Windows 10/8/7/XP Linux Mac Android Chrome OS	Windows 10/8/7/XP Linux Mac Android Chrome OS
Response Time	≤ 7 ms	6.7 ms
Touch Accuracy	1.5 mm	2 mm
Accessories		
Stylus	2x Magnetic Stylus (anti bacterial)	2x Stylus
Cables	1x Power Cable 1x HDMI Cable (3840x2160 @ 60Hz) 1x USB Touch Cable 1x USB-C Cable	1x Power Cable - 1x USB Touch Cable -
Remote Control	1x	-
Wall Mount	Yes (VESA Standard)	Yes (VESA Standard)
Built-in Camera	No	No
Built-in Camera	No	No
Optional OPS		
OPS PC Module	Optional	Optional
Processor	Intel Core i5 / i7	Intel Core i5 / i7 (11th Gen)
Memory	16 GB (Upgradeable to 32 GB)	i5: 8 GB; i7: 16 GB
Storage	256 GB	256 GB
Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics
OPS Connectivity	4x USB 3.0 1x USB Type-C 1x HDMI out 1x RJ45 1x 3.5 mm Mic in 1x 3.5 mm Audio Out 1x Wi-Fi -	4x USB 3.0; 2x USB 2.0 - 1x HDMI out 1x RJ45 1x 3.5 mm Mic in 1x 3.5 mm Audio Out 1x Wi-Fi 1x Serial Port DB-9
Operating System	Windows 11	No OS - Windows optional with additional cost

Softwares Included

Screen Mirroring Software	OneScreen Share	SmartView+
Supported Devices	Android, iOS, Mac, Windows, Linux and Chromebook	Android, iOS, Mac, Windows, Linux 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	No
Share device's Camera feed (Play/Pause)	Yes	No

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Floating window of shared screen on the interactive display	Yes	Yes
Share device's specific window only	Yes	No
Control other devices from the interactive display	Yes	Yes
Mirroring the interactive display to other devices	Yes	Yes
Control interactive display from other devices	Yes	Yes
Use mobile phone as a touchpad/remote for the interactive display	Yes	No
Teacher can launch/disconnect specific/all of the connected devices	Yes	Yes
Built-in Annotation Tool	Yes	No
Camera and Mic sharing over your personal device	Yes	No
Supports Chromecast, Airplay and Miracast	Yes	Yes
Annotation Software Android Side	OneScreen Write	Samsung
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
Multiple types of writing tools	Yes	Yes
Multi Colored Pen	Yes	Yes
Draw Shapes	Yes	Yes
Geometry tools	Yes	Yes
Shape recognition	Yes	No
Text recognition	Yes	No
Background	Preset Colors / Custom Images	Preset Colors / Custom 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	No
Drag and drop images from browser	Yes	No
Built-in Live Support	Yes	No
User Accounts	OneScreen Account	N/A
Multiple accounts	Yes	-
Log in via Google/Microsoft Account	Yes	-
Login with QR Code	Yes	-
Google Drive/OneDrive Integration	Yes	-
Home Page customization (wallpaper, widgets, My apps)	Yes	-
Cloud Storage Supported	Yes	-
Login with NFC	No	-
Sync device settings and wall papers	Yes	-
Student Engagement Tool	OneScreen Class	N/A
Create polls	Yes	No
Allow students to vote from their personal devices	Yes	No
Spinner	Yes	No
Allow students to send messages to be displayed over the screen	Yes	No

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Device Administration	Admin Panel	Settings
USB Clone (Import/Export all the settings from one device to another)	Yes	No
Open default startup item	Yes	Yes
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	Yes
Disable USB device/port	Yes	Yes
Disable device Wi-Fi/Hotspot/Ethernet/Bluetooth)	Yes	Yes
Generate and export debugging logs	Yes	No
Install CA Certificates	Yes	Yes
AI based Quiz Generation Tool	QuizWiz	N/A
Transform text into Quiz automatically	Yes	-
AI based MCQs generation	Yes	-
Export Quiz to PDF format	Yes	-
Hybrid targeted teaching & learning	Learning Hub	MimioConnect
Give live video lessons	Yes	Yes
Share device's screen	Yes	Yes
Lesson recording	Yes (with audio, video, screen content and live captions)	No
Shared Whiteboard for in-meeting collaboration	Yes	Yes
Allow On-Screen annotation over content	Yes	Yes
In-meeting polling options	Yes	Yes
Built-in shared notes	Yes	No
Generate URL for recorded lesson	Yes	No
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 (only with Enterprise edition)
Remote Management	OneScreen Central	MagicInfo
Set triggers and alerts	Yes	Yes
Track and lock devices	Yes	No
User status	Yes	No
Remotely control power options	Yes	Yes
Bulk install, delete and disable applications on multiple devices	Yes	No
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 (Windows/Mac)	OneScreen Annotation & Whiteboarding Software	N/A
Multi-point touch supported	10 touch points	-
Gesture Recognition	Pinch in/out zoom in/out Palm erase	-
Write on any app/window	Yes	-
Built-in Image search engine	Yes	-

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Shape recognition	Yes	-
Text recognition	Yes	-
Screen recording for whiteboard session with audio recording	Yes	-
Screen capture tools	Yes	-
Support for annotating on various formats	Yes	-
Educational		
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	Yes, Hundreds of Ready-made activities, Game-based learning
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	Online resources and manuals
Live support within product	Free, unlimited, live Screen Skills Guru support directly from our product interfaces and apps	No
Training	Yes. Free, unlimited online training	Online resources and manuals
Warranty	3-Year Standard	3-5 Year Standard
	Advanced Hardware Replacement (optional)	-

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