

OneScreen TL7 vs Promethean

Hardware	OneScreen TL7	ActivPanel 9	ActivPanel 9 Premium
Display and Sound			
Screen Sizes Available	55"/ 65" / 75" / 86"	65" / 75" /86"	65" / 75" /86"
Screen Type	LED	TFT LCD (Direct LED Backlight)	TFT LCD (Direct LED Backlight)
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/m ²	400 cd/m ²	400 cd/m ²
Power Consumption	55": 160 W	-	-
	65": 200 W	65": 128 W	65": 128 W
	75": 200 W	75": 141 W	75": 141 W
	86": 350 W	86": 194 W	86": 194 W
Static Contrast Ratio	1200:1	1200:1	1200:1
Refresh Rate	60 Hz	60 Hz	60 Hz
No. of Colours	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)	3 x HDMI in	3 x HDMI in
	1x VGA In	-	1 x VGA in
	1 x VGA Audio in / Audio in	-	1 x VGA Audio in
	2x Touch USB (1x Front & 1x Back)	4 x Touch USB	4 x Touch USB
	-	1 x Audio In (3.5mm)	1 x Audio In (3.5mm)
	-	1x DP	1x DP
	-	1x MicroSD slot	1x MicroSD slot
Output Ports	1 x Audio Out (3.5mm)	1 x Audio Out (3.5mm)	1 x Audio Out (3.5mm)
	1x HDMI-Out	1x HDMI-Out	1x HDMI-Out
Connectivity	1x USB Type-C 4K @ 60 Hz (65W Power Delivery)	1x USB Type-C (65W Power Delivery)	1x USB Type-C (100W Power Delivery)
	5x USB (2x 3.0 at Front, 2x 3.0 at back ; 1x 2.0 at back)	5x USB (4x3.0; 1x2.0)	5x USB (4x3.0; 1x2.0)
	2x RJ45 (Passthrough)	2 x RJ45	2 x RJ45
	1x RS232 (DB-9 Connector)	1x RS232	1x RS232
	Wi-Fi 6 enabled (2.4Ghz/5Ghz)	Wi-Fi 6 enabled (2.4Ghz/5Ghz)	Wi-Fi 6 enabled (2.4Ghz/5Ghz)
	Wi-Fi Hotspot 2.4Ghz/5GHz	Wi-Fi Hotspot 2.4Ghz/5GHz	Wi-Fi Hotspot 2.4Ghz/5GHz
	Bluetooth 5.2	Bluetooth 5.0	Bluetooth 5.0
Product Weight	55": 57.54 lbs	-	-
	65": 77.1 lbs	65": 95.3 lbs	65": 98.1 lbs
	75": 104.3 lbs	75": 121.9 lbs	75": 127.4 lbs
	86": 129.1 lbs	86": 153.4 lbs	86": 161.6 lbs
Speakers	2x 16W, front facing speakers	2x 15W, front-facing speakers	2x 18W front-facing speakers, 1x 15W subwoofer
Built-in Microphone	Webcam with built-in mic (optional)	No	Yes
Sensors	Ambient light, IR Sensor	Ambient light, IR Sensor	Ambient light, 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 and anti-fingerprint)	Level 7 MoHS tempered glass (anti-glare and anti-fingerprint)
Operating System			
Operating System	Android 11	ActivPanel OS	ActivPanel OS
RAM	8 GB	4 GB	6.5 GB

OneScreen TL7 vs Promethean

ROM	64 GB	32 GB	64 GB
App Store	OneScreen Store	Promethean App Store	Promethean 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)	Infrared	Infrared
Points of Touch Supported	Upto 40	20	20
Supported Operating Systems for touchscreen	Windows 10/8/7/XP	Windows 11/10/8/7	Windows 11/10/8/7
	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	1 mm	1 mm
Accessories			
Stylus	2x Magnetic Stylus (anti bacterial)	2x Stylus	2x Stylus
Erasers	–	1x Block Eraser	1x Block Eraser
Cables	1x Power Cable	1x Power Cable	1x Power Cable
	1x HDMI Cable (3840x2160 @ 60H	1x HDMI Cable	1x HDMI Cable
	1x USB Touch Cable	1x Touch Cable	1x 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	1x
Wall Mount	Yes (VESA Standard)	Yes (VESA Standard)	Yes (VESA Standard)
Built-in Camera	No	No	No
Display and Sound			
OPS PC Module	Optional	Optional	Optional
Processor	Intel Core i5 / i7	10th Gen Intel Core i7	10th Gen Intel Core i7
Memory	16 GB (Upgradeable to 32 GB)	16 GB	16 GB
Storage	256 GB	256 GB	256 GB
Graphics	Intel Iris Xe Graphics	Intel UHD Graphics	Intel UHD Graphics
OPS Connectivity	4x USB 3.0	4x USB (2x 3.0; 2x2.0)	4x USB (2x 3.0; 2x2.0)
	1x USB Type-C	1x USB Type-C (60W PD)	1x USB Type-C (60W PD)
	1x HDMI out	1x HDMI out	1x HDMI out
	1x RJ45	-	-
	1x 3.5 mm Mic in	1x 3.5 mm Stereo In	1x 3.5 mm Stereo In
	1x 3.5 mm Audio Out	1x 3.5 mm Stereo Out	1x 3.5 mm Stereo Out
	1x Wi-Fi	1x Wi-Fi	1x Wi-Fi
Operating System	Windows 11	Windows 10 Pro	Windows 10 Pro

Softwares Included

Screen Mirroring Software	OneScreen Share	Promethean Screen Share	Promethean Screen Share
Supported Devices	Android, iOS, Mac, Windows, Linux and Chromebook	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	4
Share device's screen using browser	Yes	No	No

OneScreen TL7 vs Promethean

Share Image/Video/Document from device	Yes	Yes	Yes
Share device's Camera feed (Play/Pause)	Yes	No	No
Floating window of shared screen on the interactive display	Yes	No	No
Share device's specific window only	Yes	Yes	Yes
Control other devices from the interactive display	Yes	Yes	Yes
Mirroring the interactive display to other devices	Yes	Yes	Yes
Control interactive display from other devices	Yes	Yes	Yes
Use mobile phone as a touchpad/remote for the interactive display	Yes	Yes	Yes
Teacher can launch/disconnect specific/all of the connected devices	Yes	Yes	Yes
Built-in Annotation Tool	Yes	Yes	Yes
Camera and Mic sharing over your personal device	Yes	No	No
Supports Chromecast, Airplay and Miracast	Yes	Yes	Yes
Annotation Software Android Side	OneScreen Write	Promethean Whiteboard	Promethean Whiteboard
Multi-point touch supported	32 touch points	20 touch points	20 touch points
Gesture Recognition	Pinch in/out zoom in/out Palm erase	Pinch in/out zoom in/out Palm erase	Pinch in/out zoom in/out Palm erase
Write on any source	Yes	Yes	Yes
Multiple types of writing tools	Yes	Yes	Yes
Multi Colored Pen	Yes	Yes	Yes
Draw Shapes	Yes	No	No
Geometry tools	Yes	Yes	Yes
Shape recognition	Yes	No	No
Text recognition	Yes	No	No
Background	Preset Colors / Custom Images	Preset Colors / Custom Images	Preset Colors / Custom Images
Pen Type Detection	Yes	No	No
File Sharing Over Email	Yes	Yes	Yes
File Sharing through QR Code	Yes	Yes	Yes
File saving to cloud	Yes	Yes	Yes
Built-in browser	Yes	No	No
Drag and drop images from browser	Yes	No	No
Built-in Live Support	Yes	No	No
User Accounts	OneScreen Account	Accounts	Accounts
Multiple accounts	Yes	Yes	Yes
Log in via Google/Microsoft Account	Yes	Yes	Yes
Login with QR Code	Yes	Yes	Yes
Google Drive/OneDrive Integration	Yes	Yes	Yes
Home Page customization (wallpaper, widgets, My apps)	Yes	Only wallpaper	Only wallpaper
Cloud Storage Supported	Yes	Yes	Yes
Login with NFC	No	No	Yes
Sync device settings and wall papers	Yes	Yes	Yes

OneScreen TL7 vs Promethean

Student Engagement Tool	OneScreen Class	ActivInspire & ClassFlow	ActivInspire & ClassFlow
Create polls	Yes	Yes	Yes
Allow students to vote from their personal devices	Yes	Yes	Yes
Spinner	Yes	Yes	Yes
Allow students to send messages to be displayed over the screen	Yes	No	No
Device Administration	Admin Panel	Settings	Settings
USB Clone (Import/Export all the settings from one device to another)	Yes	No	No
Open default startup item	Yes	No	No
Kiosk Mode (set up any app/webpage as the default startup item)	Yes	No	No
Auto Remove files (delete selected type of files after particular interval)	Documents, Images, Audio, Videos and Others	No	No
Disable USB device/port	Yes	Yes	Yes
Disable device Wi-Fi/Hotspot/Ethernet/Bluetooth)	Yes	Yes	Yes
Generate and export debugging logs	Yes	No	No
Install CA Certificates	Yes	No	No
AI based Quiz Generation Tool	QuizWiz	N/A	N/A
Tranform text into Quiz automatically	Yes	-	-
AI based MCQs generation	Yes	-	-
Export Quiz to PDF format	Yes	-	-
Hybrid targeted teaching & learning	LearningHub	ClassFlow	ClassFlow
Give live video lessons	Yes	Yes	Yes
Share device's screen	Yes	Yes	Yes
Lesson recording	Yes (with audio, video, screen content and live captions)	Yes	Yes
Shared Whiteboard for in-meeting collaboration	Yes	No	No
Allow On-Screen annotation over content	Yes	Yes	Yes
In-meeting polling options	Yes	Yes	Yes
Built-in shared notes	Yes	Yes	Yes
Generate URL for recorded lesson	Yes	Yes	Yes
Auto Engagement Scoring of remote students	Yes	No	No
Platforms supported for conferencing	Web-based - Android / iOS / Mac / Windows / Chrome OS / Linux	Web-based - Android / iOS / Mac / Windows / Chrome OS / Linux	Web-based - Android / iOS / Mac / Windows / Chrome OS / Linux
Integration with LMS software	Yes	No	No
Educational	ZUNI Learning/Oktopus	N/A	N/A
Dedicated Subject based tools	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	-	-
Lesson Management System	Yes	-	-
Classroom collaboration supported	Yes	-	-
Subject based games	Yes	-	-
Remote Management	OneScreen Central	Promethean Panel Management	Promethean Panel Management
Set triggers and alerts	Yes	Yes	Yes
Track and lock devices	Yes	Yes	Yes

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User status	Yes	Yes	Yes
Remotely control power options	Yes	Yes	Yes
Bulk install, delete and disable applications on multiple devices	Yes	Yes	Yes
Workflows	Yes	Yes	Yes
Push alerts, messages and announcements	Yes	Yes	Yes
Smart grouping by class or attributes	Yes	Yes	Yes
Messages to multiple recipients simultaneously	Yes	Yes	Yes
Annotation Software (Windows/mac)	OneScreen Annotation & Whiteboarding Software	Promethean Annotate	Promethean Annotate
Multi-point touch supported	10 touch points	20 touch points	20 touch points
Gesture Recognition	Pinch in/out zoom in/out Palm erase	Pinch in/out zoom in/out Palm erase	Pinch in/out zoom in/out Palm erase
Write on any app/window	Yes	Yes	Yes
Built-in Image search engine	Yes	No	No
Shape recognition	Yes	No	No
Text recognition	Yes	No	No
Screen recording for whiteboard session with audio recording	Yes	Yes	Yes
Screen capture tools	Yes	Yes	Yes
Support for annotating on various formats	Yes	Yes	Yes
Support and Training			
Help & Support	Free, unlimited, live Screen Skills Guru support available via email, chat, phone, video, audio and Guru app	Yes, online chat support, training videos, FAQs section	Yes, online chat support, training videos, FAQs section
Live support within product	Free, unlimited, live Screen Skills Guru support directly from our product interfaces and apps	No	No
Training	Yes. Free, unlimited online training	No	No
Warranty	3-Year Standard Advanced Hardware Replacement (optional)	3 years -	3 years -

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