OneScreen TL7 vs ViewSonic

Hardware	OneScreen TL7	IFP52 Series
Display and Sound		
Screen Sizes Available	55" / 65" / 75" / 86"	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, 350 cd/m², 400 cd/m²
Power Consumption	55" : 160W	-
	65" : 200 W	65" : 190 W
	75" : 200 W	75" : 227 W
	86" : 350 W	86" : 332 W
Static Contrast Ratio	1200:1	1200:1
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)	3 x HDMI in (Back)
	2x Touch USB (1x Front & 1x Back)	2 x Touch USB
	1x Audio In 3.5mm / VGA Audio in	1 x Audio In (3.5mm)
	1x VGA In (Back)	1 x VGA in
	-	1 x VGA Audio in
Output Ports	1x Audio Out (3.5mm)	1 x Audio Out (3.5mm)
	-	1x SPDIF- Out
	1x HDMI-Out	1x HDMI-Out
Connectivity	1x USB Type-C 4K @ 60 Hz (65W Power Delivery)	1x USB Type-C (60W Power Delivery)
	5x USB (2x 3.0 at Front, 2x 3.0 at back ; 1x 2.0 at back)	6x USB (4x3.0; 2x2.0)
	2x RJ45	1 x RJ45
	1x RS232 (DB-9 Connector)	1x RS232
	-	1x DP
	Wi-Fi 6 enabled (2.4Ghz/5Ghz)	Wi-Fi (seperate Wi-Fi Module)
	Wi-Fi Hotspot 2.4Ghz/5GHz (Wi-Fi 6 enabled)	Wi-Fi Hotspot 2.4Ghz/5GHz
	Bluetooth 5.2	Bluetooth 4.0
Product Weight	55" : 57.5 lbs 65" : 77.1 lbs 75" : 104.3 lbs 86" : 129.1 lbs	- 65" : 96.8 lbs 75" : 124.2 lbs 86" : 156.5 lbs
Speakers	2x 16W, front facing speakers	2x 15W
Built-in Microphone	Webcam with built-in mic (optional)	Yes (8 Array Microphone)
Sensors	Ambient light, IR Sensor	Ambient light, IR Sensor
Gesture Control	Yes	Yes
Surface Protection	Level 7 MoHS tempered glass (anti-glare and anti-fingerprint)	9H
Operating System		
Operating System	Android 11	ViewBoard OS based on Android 9
RAM	8 GB	4 GB (IFP52-1A) / 8 GB (IFP52-1B)
Storage	64 GB	32 GB (IFP52-1A) / 64 GB (IFP52-1B)
Apps Store	OneScreen Store	No

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OneScreen TL7 vs ViewSonic

Wireless Screen Sharing/Mirroring	Yes	Yes
Over-the-Air (OTA) Updates	Yes	Yes
Touch		
Touch Technology	Infrared (with zero bonding Gen2)	Infrared (with Eye Care Technology)
Points of Touch Supported	Up to 40	20 (Android) / 33 (Windows)
Supported Operating Systems for touchscreen	Windows	Windows
	Linux	Linux
	Mac	Mac
	Android	Android
	Chrome OS	Chrome OS
Response Time	≤ 7 ms	8 ms
Touch Accuracy	1.5 mm	1mm
Accessories		
Stylus	2x Magnetic Stylus (anti bacterial)	2x pens
Erasers	-	1x eraser
Cables	1x Power Cable	1x Power Cable
	1x HDMI Cable (3840x2160 @ 60Hz)	1x HDMI Cable
	1x USB Touch Cable	1x USB Touch Cable
	1x USB-C Cable	1x USB-C Cable
Remote Control	1x	1x
Wall Mount	Yes (VESA Standard)	Yes (VESA Standard)
Wi-Fi Module	In-built	1x Wi-Fi Module
Built-in Camera	No	No
Optional OPS		
OPS PC Module	Optional	Optional
Processor	Intel Core i5 / i7	Intel® Celeron™ G5900T
Memory	16 GB (Upgradeable to 32 GB)	8 GB
Storage	256 GB	256 GB
Graphics	Intel Iris Xe Graphics	Intel UHD Graphics 610
OPS Connectivity	4x USB 3.0	4x USB (1x 3.0; 3x2.0)
	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 Stereo In
	1x 3.5 mm Audio Out	1x 3.5 mm Stereo Out
	-	1x Display Port
	1x Wi-Fi	1x Wi-Fi
Operating System	Windows	Windows

Softwares Included

Screen Mirroring Software	OneScreen Share	ViewBoard Cast
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	No
Share Image/Video/Document from device	Yes	Yes
Share device's Camera feed (Play/Pause)	Yes	No

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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 OneScreen 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	Yes
Teacher can launch/disconnect specific/ all of the connected devices	Yes	Yes
Built-in Annotation Tool	Yes	Yes
Camera and Mic sharing over your personal device	Yes	No
Supports Chromecast, Airplay and Miracast	Yes	Yes
Built-in Annotation Software	**OneScreen Write**	**myViewBoard 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
Multiple types of writing tools	Yes	Yes
Multi Colored Pen	Yes	Yes
Draw Shapes	Yes	Yes
Geometry tools	Yes	Yes
Shape recognition	Yes	Yes
Text recognition	Yes	Yes
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	Yes
Built-in browser	Yes	Yes
Drag and drop images from browser	Yes	Yes
Built-in Support	Yes	No
User Accounts	**OneScreen Account**	**No**
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**	**myViewBoard Companion**
Create polls	Yes	Yes
Allow students to vote from their personal devices	Yes	Yes
Spinner	Yes	No
Allow students to send messages to be displayed over the screen	Yes (when enabled)	Yes

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Device Administration	Admin Panel	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	No
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
Tranform text into Quiz automatically	Yes	-
AI based MCQs generation	Yes	-
Export Quiz to PDF format	Yes	-

Hybrid targeted teaching & learning	Learning Hub	myViewBoard Classroom
Give live video lessons	Yes	Yes
Share device's screen	Yes	Yes
Lesson recording	Yes (with audio, video, screen content and live captions)	Yes
Allow On-Screen annotation over content	Yes	Yes
In-meeting polling options	Yes	No
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	No

Remote Management	OneScreen Central	myViewBoard Manager
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
Workflows	Yes	No
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	myViewBoard Whiteboard
Multi-point touch supported	10 touch points	33 touch points
Gesture Recognition	Pinch in/out zoom in/out Palm erase	Pinch in/out zoom in/out Palm erase
Write on any app/window	Yes	Yes
Built-in Image search engine	Yes	Yes

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Shape recognition	Yes	Yes
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**	**myViewBoard Classroom / Originals / Clips**
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
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 / calls / video tutorials
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	Yes, sign up for training sessions
Warranty	3-Year Standard	3 years standard
	Advanced Hardware Replacement (optional)	-