

Touchscreen T7 vs ViewSonic

At a Glance



Feature	OneScreen T7	ViewSonic IFP52-2F Series
Computer		
Storage	128 GB	64 GB
Hardware		
Type C ports	3x Type-C In (upto 100W), 1x Type-C Out	3x Type-C In (upto 65W)
HDMI ports	4x HDMI In, 1x HDMI Out	3x HDMI In, 1x HDMI Out
USB ports	5x USB	5x USB
Response time	< 2.5ms	≤ 7ms
Sensors	Ambient Light, IR	Ambient Light, IR
NFC card reader	Yes, with NFC-based user login support	No
Audio	2x 20W Speakers, 1x 25W Subwoofer	2x 15W Speakers, 1x 15W Subwoofer
Brightness	65": 420 cd/m ² 75" and 86": 450 cd/m ²	350 cd/m ²
Surface protection	9H Hardness tempered glass (anti-glare and anti-fingerprint)	7H Hardness (anti-glare)
Touch and multi-tasking		
Points of touch supported	Up to 50	Up to 40
Pressure sensitivity for touch	Yes	No
Supported unique touch inputs	4 (Thin pen tip, Thick pen tip, finger, palm/erasers)	3 (Thin pen tip, Thick pen tip/finger, palm/erasers)
Invoke annotation mode automatically using pen	Yes	No
Software		
Whiteboard & annotation	Perpetual OneScreen Write license	Perpetual license of myViewBoard Whiteboard
Video conferencing	Free 1st year license of OneScreen Hype	No licenses included
	Whiteboard sharing, breakout rooms, real-time chat	No
Screen sharing	Up to 9 users simultaneously	Up to 4 users simultaneously
AI-based Quiz generation tool	Free 1st year license of OneScreen QuizWiz	No
Live closed captions with one-click summarization and translation	Free 1st year license of OneScreen Scribe	No
Personalized user accounts	Yes. Supports login using QR code and NFC cards	No
Push button notifications	OneScreen Beacon*	No

*OneScreen Beacon runs through specialized Beacon cards that need to be purchased separately

Key Advantages

Android OS and EDLA	Both the OneScreen T7 and ViewSonic IFP52-2F run on Android 15 with EDLA certification. This ensures a smooth experience in the Google ecosystem and provides integration with native Google apps support, access to Play store and automatic security updates.
Central processor	The OneScreen T7 and ViewSonic IFP52-2F both boast a swift 8-core processor for smooth workflows. However, the T7 has a more efficient processor due to its superior cores.
Touch improvements	The OneScreen T7 offers a superior touch experience as it offers higher accuracy for various inputs like pens, fingers, and even thick pen tips. Additionally, its pressure-sensitive pen and palm rejection offer a natural writing feel. The T7 also supports upto 50 touch points whereas the ViewSonic IFP52-2F supports upto 40. A response time of 2.5ms for the T7 makes it far more responsive than the Viewsonic panel that has a response time of 7ms. The T7 also boasts an industry high touch accuracy of 1mm whereas the same information for the IFP52-2F is not available.
Audio	OneScreen T7 offers a more powerful audio system with 20W speakers and a 25W subwoofer, delivering richer sound. It also features an 8-microphone array for clear audio recording and communication, eliminating the need for external microphones. In comparison, the ViewSonic IFP52-2F produces a lower sound output as it contains 15W speakers and a 15W subwoofer.
Priority alerts	OneScreen T7 comes with a free one-year subscription of OneScreen Beacon, our priority notification service. With two quick clicks of a button, badge holders can trigger real-time alerts of their location. Priority contact(s) are notified of who triggered the alert and their current location via email, text message and phone call so they may respond with assistance.
AI-applications	Both the T7 and ViewSonic IFP52-2F provide AI tools for educators and users from every industry. However, the T7 takes AI a step further. It can generate quizzes from various sources, capture and analyze student engagement, and record lessons/meetings with features like closed captions and screen sharing. It even offers real-time speech transcription, translation, and summarization directly on the screen. This is particularly beneficial for diverse classrooms and teams with varying needs. The ViewSonic IFP52-2F on the other hand does not have these features.
On-screen annotations	Both the T7 and IFP52-2F offer intuitive annotation tools. However, T7 introduces a unique "pen-to-annotate" mode. Simply picking up the stylus allows users to start writing directly on the screen and enter annotation mode. The pen's side acts as an eraser as your fingers navigates the screen. The ViewSonic IFP52-2F panels on the other hand, require manual mode switching.
Ports	ViewSonic IFP52-2F supports VGA input that might be useful for customers with legacy devices. It comes with 3x USB-C In, and 3x HDMI In ports. The T7 comes with 3x USB-C In, an additional 1x USB-C Out, and 4x HDMI In ports for connecting devices and other touchscreens with the panel.
Support & training	All OneScreen solutions include our OneScreen GURU service, the industry's only FREE, LIVE support and training solution for everyone, with our highly trained engineers at the helm. GURU is available 24/5 for immediate help, support and troubleshooting via email, chat, audio or video call, the GURU app, or through one-click access across a suite of OneScreen hardware and software solutions. You can easily schedule training sessions, as many as you need, at a time that works for you.
Summary	Both OneScreen T7 and ViewSonic IFP52-2F excel in their own right, addressing various use cases in classrooms, boardrooms, and conference rooms. The T7 boasts a superior hardware with a brighter screen, more USB-C and HDMI ports, more powerful speakers and more storage. The T7 also supports more points of touch and a better response time. In terms of software, inclusion of powerful AI based transcription, translation, engagement analysis, and quiz generation software provides additional value to classrooms as well as businesses.

Full Feature Comparison

Hardware

Description	OneScreen T7	ViewSonic IFP52-2F Series
Display and Sound		
Screen sizes	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	65": 420 cd/m² 75" and 86": 450 cd/m²	350 cd/m²
No. of colors	1.07 billion	1.07 billion
Power consumption (typical)	65": 200 W	65": 91 W
	75": 285 W	75": 124 W
	86": 315 W	86": 148 W
Static contrast ratio	5000:1	4000:1
Refresh rate	60 Hz	60 Hz
Viewing angle	178°	178°
Lifespan	>30,000 Hours	>30,000 Hours
Slot for PC	Yes	Yes
Input ports	4x HDMI In (1x front, 3x Side)	3x HDMI In (1x Front, 2x Side)
	2x Touch USB (Side)	3x Touch USB (1x Front, 2x Side)
	1x Audio In 3.5mm / VGA Audio In	1x Audio In 3.5mm / VGA Audio In
	No	1x VGA
	1x Display Port	1x Display Port
	1x OPS Slot	1x OPS Slot
Output ports	1x Audio Out (3.5mm)	1x Audio Out (3.5mm)
	1x S/PDIF Out	1x S/PDIF Out
	1x HDMI Out	1x HDMI Out
Connectivity	3x USB Type-C In with 4K 60Hz Video, Audio and Touch (1x Front 100W Power Delivery, 1x Side 15W Power Delivery, 1x Top Snap In Port for Camera)	3x USB Type-C in (1x Front 65W Power Delivery, 1x Side 10W Power Delivery, 1x Side Data Only)
	1x USB Type-C Out (Video, Audio, Touch, and Network)	No
	5x USB (2x 3.0 at Front, 2x 3.0 at Side, 1x 2.0 at Side)	5x USB (2x 3.0 at Front, 2x 3.0 at Side, 1x 2.0 at Side)
	2x RJ45 (Passthrough)	2x RJ45 (Passthrough)
	1x RS232 (DB-9 Connector)	1x RS232 (DB-9 Connector)
	Wi-Fi 6 on 2.4GHz/5GHz	Wi-Fi 6 on 2.4GHz/5GHz
Product weight	65": 84 lbs	65": 130.1 lbs
	75": 112 lbs	75": 152.1 lbs
	86": 138.8 lbs	86": 174.2 lbs
Speakers	2x 20W, front facing speakers with stereo output	2x 15W front facing speakers
Subwoofer	1x 25W	1x 15W
Built-in microphone	Built-in 8-microphone array with noise reduction	Built-in 8-microphone array
Sensors	Ambient light, IR Sensor	Ambient light, IR Sensor
NFC card reader	Yes, with NFC-based user login support	No

Hardware optimized for card based priority notification	Yes. Supports OneScreen Beacon Service.	No
Surface protection	9H Hardness tempered glass (anti-glare and anti-fingerprint)	7H Hardness (anti-glare)
Operating System		
Operating system	Android 13 with EDLA Certification	Android 13 with EDLA Certification
CPU	Octa-core (4x A76 + 4x A55)	Octa-Core (4x A73 + 4x A53)
RAM	8 GB	8 GB
Storage	128 GB	64 GB
App store	Google Play Store	Google Play Store
Wireless screen sharing/mirroring	Yes	Yes
Over-the-Air (OTA) updates	Yes	Yes
Google Play services	Yes	Yes
Touch		
Touch technology	Infrared (with zero bonding Gen 2)	Infrared (Ultra Fine Touch Technology)
Points of touch supported	Up to 50 touch points (OS dependent)	Up to 40 touch points (OS dependent)
Supported operating systems for touchscreen	Windows, Linux, Mac, Android, and ChromeOS	Windows, Linux, Mac, Android, and ChromeOS
Response time	< 2.5ms	≤ 7ms
Touch accuracy	1mm	Information not available
Accessories		
Stylus	2x Magnetic Stylus (antibacterial)	2x Stylus
Erasers	1x Whiteboard Magnetic Eraser	No
Cables	1x Power Cable	1x Power Cable
	1x HDMI Cable (3840x2160 @ 60Hz)	1x HDMI Cable
	1x USB Touch Cable	1x USB Touch Cable
Remote control	1x	1x
Wall mount	Yes (VESA Standard)	Yes (VESA Standard)
Built-in camera	No	No
RS232 adapter	No	Yes
Other Features		
Voice commands	Google Voice Assistant	Google Voice Assistant
Display modes for multiple screens	Yes (Duplicate or extend screen on Android OS with touch support on other touchscreens)	No
Gesture control	Yes	Yes
Webcam Input supported gestures to control touchscreen	Yes	No
Favorite apps shelf for quick access	Yes	Yes
AI-powered Chatbot for assistance	Yes	No
Light/Dark mode	Yes	Yes
Customizable buttons on remote controller	Yes (3x Buttons)	No
Screen recording	Yes (Screen, Audio and Video)	Yes (Screen, Audio and Video)

Software

Screen Mirroring		
Included Software	OneScreen Share	ViewBoard Cast & Display
Supported devices	Android, iOS, Mac, Windows, Linux and ChromeOS	Android, iOS, Mac, Windows, Linux and ChromeOS
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	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 or 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
Annotation Software (Android)		
Included 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
Pressure sensitive Pen	Yes	No
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 / Finger detection	Yes	Yes
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 live support	Yes	No

Personalized User Account		
Included Software	OneScreen Account	N/A
Multiple accounts	Yes	No
Log in via Google/Microsoft Account	Yes	No
Log in with QR code	Yes	No
Google Drive/OneDrive integration	Yes	No
Home page customization (wallpaper, widgets, My apps)	Yes	No
Cloud storage supported	Yes	No
Log in with NFC	Yes	No
Sync device settings and wallpapers	Yes	No
Student Engagement Tool		
Included Software	OneScreen Class	myViewBoard Companion
Create polls	Yes	Yes
Allow students to vote from their personal devices	Yes	Yes
Student selector	Yes	No
Allow students to send messages to be displayed on the screen	Yes	Yes
Educational Software		
Included Software	Oktopus (Optional)	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
Device Administration		
Included Software	Admin Panel	Settings
USB clone (import/export all the settings from one device to another)	Yes	Yes
Open default startup item	Yes	Information not available
Kiosk mode (set up any app/webpage as the default startup item)	Yes	Information not available
Auto-remove files (delete selected type of files after particular interval)	Documents, Images, Audio, Videos and Others	Information not available
Disable USB device/port	Yes	Yes
Disable device Wi-Fi/Hotspot/Ethernet/Bluetooth	Yes	Yes
Generate and export debugging logs	Yes	Information not available
Install CA certificates	Yes	Yes
AI-based Quiz Generation Tool		
Included Software	OneScreen QuizWiz	N/A
Tranform text into quiz instantaneously	Yes	-
AI-based MCQs generation	Yes	-
Export quiz to PDF format	Yes	-
Export quiz to Google Classroom	Yes	-
User accounts	Yes	-

Hybrid Targeted Teaching & Learning		
Included Software	OneScreen LearningHub	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
User status	Yes	Yes
Video Conferencing		
Included Software	OneScreen Hype (1-Year Subscription Included)	N/A
Multi-point video / audio call	Yes	-
Screen share and control	Yes	-
Multiple camera streams from single device	Yes	-
PSTN interoperability	Yes (dial-in only)	-
SIP interoperability	Yes (dial-in only)	-
Shared whiteboard for in-meeting collaboration	Yes	-
In-meeting polling options	Yes	-
Platforms supported for conferencing	Mac / Windows / Linux	-
Live support	Yes, via video / audio / email / chat / phone	-
Third-party conferencing apps supported (Meet, Teams, Zoom etc.)	Yes	Yes
Remote Management		
Included Software	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)

Included Software	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
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

Closed Captions and Lesson Summaries

Included Software	OneScreen Scribe	N/A
Live audio transcription	Yes	-
Transcription summary	Yes	-
Live translation of transcripts	Yes	-

Priority Notifications

Included Software	OneScreen Beacon	N/A
Types of priority notifications supported	Text messages, emails, and calls	-
Details included in notification	Includes badge holder's name, location, date, and time	-
Support for multiple responders for notifications	Yes	-
Enable/Disable notifications for users	Yes	-
Built-in free, live, unlimited support	Yes	-

Support and Training

Support	Live, free 24/5 GURU support available via email, chat, phone, video, audio and the GURU app	Yes, via email / calls / video tutorials
Live support within product	Live, free 24/5 GURU available support directly from our product interface and apps	-
Training	Yes. Free, unlimited online training with GURU	Yes, sign up for training sessions
Warranty	3-Year Standard Warranty (5-Year Extendable) Advanced Hardware Replacement (Optional)	3-Year Standard Warranty Information not available

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