

Touchscreen T7 vs ViewSonic

At a Glance



Feature	Touchscreen T7	ViewSonic IFP52-2ED	ViewSonic IFP51
Computing			
Processor	Octa-core (4x A76 + 4x A55)	Octa-core (4x A73 + 4x A53)	Octa-core (4x A73 + 4x A53)
RAM	8 GB	8 GB	16 GB
Storage	128 GB	64 GB	128 GB
Device OS			
Operating system	Android 15	Android 13	Android 14
Google EDLA-certified	✓	✓	✓
Display			
Brightness (maximum)	450 cd/m ²	400 cd/m ²	450 cd/m ²
Screen Type	LED	LED	LED
Hardware			
Type-C ports	3x USB Type-C In with 4K 60Hz Video, Audio and Touch (1x Front 100W Power Delivery, 1x Side, 1x Top Port for Camera)	3x USB Type-C In with Video, Audio and Touch (1x Front 65W Power Delivery, 1x Side 100W Power Delivery, 1x Side Data Only)	3x USB Type-C In with Video, Audio and Touch (1x Front 65W Power Delivery, 1x Side 65W Power Delivery, 1x Top Port for Camera)
Type-C out port	1x USB Type-C Out (Video, Audio, Touch, and Network)	×	×
HDMI ports	4x HDMI In (1x Front, 3x Side), 1x HDMI Out	3x HDMI In (1x Front, 2x Side)	4x HDMI In (2x Front, 2x Side)
USB ports	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 Rear)	5x USB (2x 3.2 at Front, 2x 3.2 at Side, 1x 2.0 at Rear)
Microphone	Built-in 8-array microphone with noise reduction	Built-in 8-microphone array	Built-in 8-microphone array
NFC card reader	✓ With NFC-based user login support	×	✓ With NFC-based user login support
Optional sensors	Motion , Humidity, Temperature, TVOC, and Particulate Matter (PM 2.5) Detection	×	×
Audio	2x 20W Speakers with 25W Subwoofer	2x 15W Speakers with 15W Subwoofer	2x 25W Speakers with 20W Subwoofer
Touch and Multi-tasking			
Points of touch supported	Up to 50 touch points (OS dependent)	Up to 40 touch points (OS dependent)	Up to 50 touch points (OS dependent)
Palm rejection	✓	✓	✓
Supported unique touch inputs	4 (Thin pen tip, Thick pen tip, finger, palm)	4 (Thin pen tip, Thick pen tip, finger, palm)	4 (Thin pen tip, Thick pen tip, finger, palm)
Invoke annotation mode automatically using pen	✓	×	×
Multi-tasking features	Drag and drop split screen, Multi-window mode	Drag and drop split screen, Multi-window mode	Drag and drop split screen, Multi-window mode
Software			
Screen mirroring software	OneScreen Share	ViewBoard cast & display	AirSync
Whiteboarding annotation software	OneScreen Write	myViewBoard Whiteboard	myViewBoard Whiteboard
Remote management	OneScreen Control by default; OneScreen Central (Radix backbone MDM) optional	myViewBoard Manager	myViewBoard Manager
User accounts management	OneScreen AMS	×	×
AI-based quiz generation tool	OneScreen QuizWiz	×	×
Lesson builder and lesson repositories software	OneScreen Lessn	myViewBoard Originals	myViewBoard Originals
Closed captions and lesson summaries	OneScreen Scribe	×	×
Convert recorded lessons into notes and handouts	OneScreen SuprNotes	×	×
Push button notifications	OneScreen Beacon*	×	×

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

Larger Overview

Superior computing power	The processor on the OneScreen T7 delivers faster, smoother performance with better multitasking, richer visual handling, and greater long-term stability as compared to the ViewSonic boards.
Newer android version	With its future-ready Android 15, the Touchscreen T7 outpaces the ViewSonic IFP52-2ED & ViewSonic IFP51 that come with Android 13 and Android 14 respectively.
Robust AI-powered tools	OneScreen stands out with its comprehensive AI-based software suite and tools, a category in which the ViewSonic boards have no comparable offering.
24/5 Free, Live Support and Training	GURU is available 24/5 for immediate help, support, training and troubleshooting via email, chat, audio or video call, and the GURU app.

Key Advantages

Android 15 that future-proofs your investment while being more secure
Double the storage (128 GB vs. 64 GB) than the ViewSonic IFP52-2ED allows you to multi-task and store more seamlessly
Generates captions, translations, summaries — all with AI and voice input
Superior whiteboarding software with more integrated options such as a built-in periodic table, Simulation exercises.
Includes an AI chatbot, advanced note taking tool, and a circle-to-search option
Allows single tap login using its built-in NFC reader (feature absent on the IFP52-2ED)
Creates AI-powered quizzes from text, documents, presentations, and image files that can be exported to any LMS or document file
Includes OneScreen Beacon for real-time push notifications across multiple channels

Full Feature Comparison

Hardware

Description	Touchscreen T7	ViewSonic IFP52-2ED	ViewSonic IFP51
Display and Sound			
Screen sizes	65" / 75" / 86"	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
Maximum brightness	65": 420 cd/m² 75": and 86": 450 cd/m²	400 cd/m²	450 cd/m²
No. of colors	1.07 billion	1.07 billion	1.07 billion
Power consumption (typical)	65": 200 W 75": 285 W 86": 315 W	65": 91 W 75": 124 W 86": 148 W	55": 76 W 65": 94 W 75": 99 W 86": 111 W 98": 144 W
Static contrast ratio	5000:1	4000:1	1200:1
Refresh rate	60 Hz	60 Hz	60 Hz
Viewing angle	178°	178°	178°
Lifespan	>30,000 Hours	>30,000 Hours	>30,000 Hours
Slot for PC	✓	✓	✓
Input ports	4x HDMI In (1x front, 3x Side)	3x HDMI In (1x Front, 2x Side)	4x HDMI In (2x Front, 2x Side)
	2x Touch USB (Side)	3x Touch USB (1x Front, 2x Side)	2x Touch USB (1x Front, 1x Side)
	1x Audio In 3.5 mm	1x Audio In 3.5 mm / VGA Audio In	1x Audio In 3.5 mm / VGA Audio In
	×	1x VGA	1x VGA
	1x Display Port	1x Display Port	1x Display Port
	1x OPS Slot	1x OPS Slot	1x OPS Slot
Output ports	1x Audio Out (3.5 mm)	1x Audio Out (3.5mm)	1x Audio Out (3.5 mm)
	1x S/PDIF Out	1x S/PDIF Out	1x S/PDIF Out
	1x HDMI-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, 1x Top Port for Camera)	3x USB Type-C In with Video, Audio and Touch (1x Front 65W Power Delivery, 1x Side 100W Power Delivery, 1x Side Data Only)	3x USB Type-C In with Video, Audio and Touch (1x Front 65W Power Delivery, 1x Side 65W Power Delivery, 1x Top Port for Camera)
	1x USB Type-C Out (Video, Audio, Touch, and Network)	×	×
	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 Bottom)	5x USB (2x 3.2 at Front, 2x 3.2 at Side, 1x 2.0 at Bottom)
	2x RJ45 (Passthrough)	2x RJ45 (Passthrough)	2x RJ45 (Passthrough)
	1x RS232 (DB-9 Connector)	1x RS232 (DB-9 Connector)	1x RS232 (DB-9 Connector)
	Wi-Fi 6E on 2.4GHz/5GHz/6GHz	Wi-Fi 6 on 2.4GHz/5GHz	Wi-Fi 6 on 2.4GHz/5GHz
Product weight	Bluetooth 5.3	Bluetooth 5.2	Bluetooth 5.2
	65": 85.3 lbs 75": 112 lbs 86": 138.8 lbs	65": 94.8 lbs 75": 121.3 lbs 86": 154.3 lbs	55": 57.01 lbs 65": 76.15 lbs 75": 101.54 lbs 86": 128.88 lbs 98": 184.53 lbs
	Speakers	2x 20W, front facing speakers with stereo output	2x 15W front facing speakers
	Subwoofer	1x 25W	1x 15W
	Microphone	Built-in 8-array microphone with noise reduction	Built-in 8-microphone array
	Sensors	Ambient light, IR Sensor	Ambient light, IR Sensor
Optional sensors	Motion , Humidity, Temperature, TVOC, and Particulate Matter (PM 2.5) Detection	×	×

NFC card reader	✓ With NFC-based user login support	✗	✓ With NFC-based user login support
Hardware optimized for card based push button notifications	✓ Supports OneScreen Beacon service	✗	✗
Surface protection	9H Hardness tempered glass (anti-glare and anti-fingerprint)	9H Hardness tempered glass (anti-glare and anti-fingerprint)	9H Hardness tempered glass (anti-glare and anti-fingerprint)
Operating System			
Operating system	Android 15 with EDLA Certification	Android 13 with EDLA Certification	Android 14 with EDLA Certification
CPU	Octa-core (4x A76 + 4x A55)	Octa-core (4x A73 + 4x A53)	Octa-core (4x A73 + 4x A53)
RAM	8 GB	8 GB	16 GB
Storage	128 GB	64 GB	128 GB
App Store	Google Play Store	Google Play Store	Google Play Store
Wireless screen Sharing/Mirroring	✓	✓	✓
Over-the-Air (OTA) updates	✓	✓	✓
Google Play services	✓	✓	✓
Touch			
Touch technology	Infrared (with zero bonding Gen 2)	Infrared (Ultra Fine Touch Technology)	Infrared (Ultra Fine Touch Technology)
Points of touch supported	Up to 50 touch points (OS dependent)	Up to 40 touch points (OS dependent)	Up to 50 touch points (OS dependent)
Supported operating systems for touchscreen	Windows, Linux, Mac, Android, and ChromeOS	Windows, Linux, Mac, Android, and ChromeOS	Windows, Linux, Mac, Android, and ChromeOS
Response time	<2.5 ms	< 7 ms	≤ 5 ms
Touch accuracy	1 mm	2 mm	2 mm
Accessories			
Stylus	2x Magnetic Stylus (antibacterial)	2x Stylus	2x Stylus
Erasers	1x Whiteboard Magnetic Eraser	✗	✗
Cables	1x Power Cable	1x Power Cable	1x Power Cable
	1x HDMI Cable (3840x2160 @ 60Hz)	1x HDMI Cable	1x HDMI Cable
	1x USB Touch Cable	1x USB Touch Cable	1x USB Touch Cable
Remote control	1x	1x	1x
Wall mount	✓ VESA Standard	✓ VESA Standard	✓ VESA Standard
RS232 adapter	✗	✓	✓
Other Features			
Voice commands	Google Voice Assistant / Gemini	Google Voice Assistant / Gemini	Google Voice Assistant / Gemini
Display modes for multiple screens	✓ Duplicate or extend screen on Android OS with touch support on other touchscreens	✓	✓
Gesture control	✓	✓	✓
Webcam Input supported gestures to control Touchscreen	✓	✗	✗
Favorite apps shelf for quick access	✓	✓	✓
AI-powered chatbot for assistance	✓	✗	✗
Circle-to-Search	✓	✗	✗
Blue-light filter	✓	✓	✓
Light/Dark mode	✓	✓	✓
Customizable buttons on remote controller	✓ 3x Buttons	✗	✗
Accounts mode	✓ Allows to toggle authorized user sign-in only with a guest mode and admin mode for panel management	✗	✗
Screen recording	✓ Screen, Audio and Video	✓ Screen, Audio and Video	✓ Screen, Audio and Video

Software

Screen Mirroring			
Included Software	OneScreen Share	ViewBoard Cast & Display	AirSync
Supported devices	Android, iOS, Mac, Windows, Linux and ChromeOS	Android, iOS, Mac, Windows, Linux and ChromeOS	Android, iOS, Mac, Windows, Linux and ChromeOS
Maximum number of devices that can be shared simultaneously	30	4	9
Share device's screen using browser	✓	✓	✓
Screen sharing across a different network	✓	✓	✓
Screen sharing over the internet	✓ Optional Upgrade	✓	✓
Share Image/Video/Document from device	✓	✓	✓
Share device's camera feed (Play/Pause)	✓	✓	✓
Floating window of shared screen on the interactive display	✓	✓	✓
Share device's specific window only	✓	✓	✓
Control other devices from the interactive display	✓	✓	✓
Mirroring the interactive display to other devices	✓	✓	✓
Control interactive display from other devices	✓	✓	✓
Use mobile phone as a touchpad/remote for the interactive display	✓	✓	✓
Teacher can launch/disconnect specific or all of the connected devices	✓	✓	✓
Built-in Annotation tool	✓	✓	✓
Camera and Mic sharing over your personal device	✓	✓	✓
Supports Chromecast, Airplay and Miracast	✓	✓	✓
Whiteboard			
Included Software	OneScreen Write	myViewBoard Whiteboard	myViewBoard 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	✓	✓	✓
Multiple types of writing tools	✓	✓	✓
Pressure sensitivePen	✓	✗	✗
Multi-colored Pen	✓	✓	✓
Draw shapes	✓	✓	✓
Geometry tools	✓	✓	✓
Shape recognition	✓	✓	✓
Text recognition	✓	✓	✓
Background	Preset Colors / Custom Images	Preset Colors / Custom Images	Preset Colors / Custom Images
Pen/Finger detection	✓	✓	✓
Pen type detection	✓	✓	✓
Built-in periodic table	✓	✗	✗
Built-in simulation exercises	✓ Physics, Chemistry, Math, Earth Science, and Biology simulations for K-12 and University	✗	✗
Repository of thousands of lessons for K-12	✓	✓	✓
Insert advanced formulas	✓	✓	✓
File sharing over Email	✓	✓	✓
File Sharing through QR code	✓	✓	✓
File saving to Cloud	✓	✓	✓
Built-in Browser	✓	✓	✓
Drag and drop images from browser	✓	✓	✓
Built-in live support	✓	✗	✗

Personalized User Accounts			
Included Software	OneScreen Account	Accounts	Accounts
Multiple accounts	✓	✓	✓
Log in via Google/Microsoft account	✓	✓	✓
Login with QR code	✓	×	×
Google Drive/OneDrive integration	✓	✓	✓
Home page customization (Wallpaper, Widgets, My Apps)	✓	✓	✓
Cloud storage supported	✓	✓	✓
Log in with NFC	✓	×	×
Sync device Settings and Wallpapers	✓	✓	✓
Student Engagement Tool			
Included Software	OneScreen Engage	myViewBoard Companion	myViewBoard Companion
Create polls	✓	✓	✓
Allow students to vote from their personal devices	✓	✓	✓
Student selector	✓	×	×
Allow students to send messages to be displayed on the screen	✓	✓	✓
Educational Software			
Included Software	Oktopus (Optional)	myViewBoard Classroom / Originals / Clips	myViewBoard Classroom / Originals / Clips
Dedicated subject-based tools	✓ Math, Language, Geography, Chemistry, Physics etc.	✓ Math, Language, Geography, Chemistry, Physics etc.	✓ 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	✓	✓	✓
Classroom collaboration supported	✓	✓	✓
Subject-based games	✓	✓	✓
Collaboration devices OS supported	iOS, Android, MacOS, ChromeOS, Windows	iOS, Android, MacOS, ChromeOS, Windows	iOS, Android, MacOS, ChromeOS, Windows
Device Administration			
Included Software	Admin Panel	Settings	Settings
USB clone (Import/Export all the settings from one device to another)	✓	✓	✓
Open default startup item	✓	✓	✓
Kiosk mode (set up any App/Webpage as the default startup item)	✓	✓	✓
Auto remove files (delete selected type of files after particular interval)	Documents, Images, Audio, Videos, and Others	✓	✓
Disable USB device/port	✓	✓	✓
Disable device Wi-Fi/Hotspot/Ethernet/Bluetooth	✓	✓	✓
Generate and export debugging logs	✓	Information not available	Information not available
Install CA certificates	✓	✓	✓
AI-based Quiz Generation			
Included Software	OneScreen QuizWiz	N/A	N/A
Transform text into quiz instantaneously	✓	×	×
AI-based MCQs generation	✓	×	×
Export quiz to PDF format, text format, or copy to clipboard	✓	×	×
Export quiz to Google Forms, LMS (Canvas, Schoology, Moodle, Blackboard), Quizlet, AirTable etc.	✓	×	×
User accounts	✓	×	×
Select quiz type (MCQs, Fill in the blanks, True or False)	✓	×	×

Select quiz difficulty	✓	×	×
Select number of questions generated	✓	×	×
Save quizzes on account	✓	×	×
Import content from Google Drive (Google Classroom)	✓	×	×
Import content through web URL	✓	×	×
Import content from an image (OCR)	✓	×	×
Supports multiple languages	✓	×	×

Translations. Transcriptions. Summaries

Included Software	OneScreen Scribe	N/A	N/A
Live audio transcription	✓	✓ Available through panel settings	✓ Available through panel settings
Transcription summary	✓	×	×
Live translation of transcripts	✓	×	×
Instant AI-based quiz generation of transcription or translation	✓	×	×
Option to save screen recording with transcription and translation	✓	✓ With transcription only as translation is not included	✓ With transcription only as translation is not included
Topic navigation within transcription	✓	×	×
Comprehensive lecture summary	✓ Including transcription, annotation, voice, on-screen videos and documents	×	×
Export translation or transcription with summary	✓ As .doc, .txt or .pdf	×	×

K-12 Educational Lessons/Content

Included Software	OneScreen Lessn	myViewBoard Originals	myViewBoard Originals
Repository of thousands of pre-made lessons for grades K-12	✓	✓	✓
Availability of multiple subjects	✓ Math, English, Sciences, History, Geography	✓ Math, English, Sciences, Geography	✓ Math, English, Sciences, Geography
AI-powered lesson builder	✓	×	×
Diverse content options in lessons	✓ Images/Visuals, Class Activities, and Quiz Questions	✓ Images/Visuals, Class Activities	✓ Images/Visuals, Class Activities
Option to export	✓ Google Slides, PDF, PowerPoint Presentation	✓ Google Slides, PowerPoint Presentation	✓ Google Slides, PowerPoint Presentation

Remote Device Management

Included Software	OneScreen Control	myViewBoard Manager	myViewBoard Manager
Set triggers and alerts	✓	✓	✓
Track and lock devices	✓	✓	✓
User status	✓	✓	✓
Remotely control power options	✓	✓	✓
Bulk install, delete and disable applications on multiple devices	✓	✓	✓
Workflows	✓	×	×
Push alerts, messages and announcements	✓	✓	✓
Smart grouping by class or attributes	✓	✓	✓
Messages to multiple recipients simultaneously	✓	✓	✓
Remotely view or control the device's screen	✓	✓	✓
Push settings and apps to each user account inside the device	✓	×	×
Update firmware updates Over-the-Air (OTA)	✓	✓	✓
Install security certificates (VPN, Apps, and Wi-Fi)	✓	✓	✓

Account Management			
Included Software	OneScreen AMS	N/A	N/A
Remote creation and management of user accounts	✓	×	×
Bulk creation of accounts	✓	×	×
Integration with active directory	✓	×	×
Multi-tier admin accounts	✓	×	×
Panel management for accounts mode	✓	×	×
Push Button Notifications			
Included Software	OneScreen Beacon (Optional)	N/A	N/A
Types of push button notifications supported	Text messages, emails, and calls	×	×
Option to customize notifications	✓	×	×
Details included in notification	Includes badge holder's name, location, date, and time	×	×
Support for multiple responders for notifications	✓	×	×
Enable/Disable notifications for users	✓	×	×
Built-in free, live, unlimited support	✓	×	×

Support and Training	Touchscreen T7	ViewSonic IFP52-2ED	ViewSonic IFP51
24/5 Support	Live, free 24/5 GURU support available via email, chat, phone, video, audio and the Guru app	✓ Via Email / Calls / Video tutorials	✓ Via Email / Calls / Video tutorials
Live support within product	Live, free 24/5 GURU support available directly through our product interface and apps	×	×
Training	✓ Free, unlimited online training with GURU	✓ Sign up for training sessions	✓ Sign up for training sessions
Warranty	3-Year Standard Warranty (5-Year Extendable)	3-Year Standard Warranty	3-Year Standard Warranty
	Advanced Hardware Replacement (Optional)	Information not available	Information not available

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