

Touchscreen T7 vs Samsung

At a Glance



Feature	Touchscreen T7	Samsung WAD Series	Samsung WAF Series
Computing			
Processor	Octa-core (4x A76 + 4x A55)	Quad-core (4x A55)	Octa-core (4x A73 + 4x A53)
RAM	8 GB	8 GB	8 GB
Storage	128 GB	64 GB	64 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	400 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)	1x USB Type-C In with 4K Video, Audio, Network and Touch (1x Front 65W Power Delivery)	1x USB Type-C In with 4K Video, Audio, Network and Touch (1x Front 65W Power Delivery)
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 HDMI Out	2x HDMI In, 1x HDMI Out
USB ports	5x USB (2x 3.0 at Front, 2x 3.0 at Side, 1x 2.0 at Side)	5x USB (4x 3.0, 1x 2.0)	4x USB (2x 3.0 at Front, 2x 2.0 at Side)
Microphone	Built-in 8-array microphone with noise reduction	×	×
NFC card reader	✓ With NFC-based user login support	×	×
Optional sensors	Motion , Humidity, Temperature, TVOC, and Particulate Matter (PM 2.5) Detection, NFC	×	×
Audio	2x 20W Speakers with 25W Subwoofer	2x 15W Speakers	2x 15W Speakers
Touch and Multi-tasking			
Points of touch supported	Up to 50 touch points (OS dependent)	Up to 40 touch points (Both Windows and Android)	Up to 40 touch points (Both Windows and Android)
Palm rejection	✓	×	×
Supported unique touch inputs	4 (Thin pen tip, Thick pen tip, finger, palm)	3 (Thin pen tip, Thick pen tip, Finger)	3 (Thin pen tip, Thick pen tip, Finger)
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	Samsung Screen Share	Samsung Screen Share
Whiteboarding annotation software	OneScreen Write	Samsung Note	Samsung Note
Remote management	OneScreen Control by default; OneScreen Central (Radix backbone MDM) optional	Device Management Solution	Device Management Solution
User accounts management	OneScreen AMS	×	×
AI-based quiz generation tool	OneScreen QuizWiz	×	×
Lesson builder and lesson repositories software	OneScreen Lessn	×	×
Closed captions and lesson summaries	OneScreen Scrybe	Samsung AI Assistant	Samsung AI Assistant
Convert recorded lessons into notes and handouts	OneScreen SuprNotes	Samsung AI Assistant	Samsung AI Assistant
Push button notifications	OneScreen Beacon*	×	×

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

Larger Overview

Superior computing power	The Touchscreen T7 comes with a snappy Octa-core processor (8 cores) compared to the Quad-core processor of the Samsung WAD. Although the Samsung WAF does come with an Octa-core processor, the CPU of the T7 is significantly better, faster, and more power-efficient.
Better hardware	With a subwoofer, higher USB-C power delivery, more ports for connectivity, and higher 9H surface hardness, the OneScreen T7 clearly edges out the Samsung panels in terms of hardware.
Robust AI-powered tools	OneScreen stands out with its comprehensive AI-based software suite and tools, a category in which the Samsung Boards have no notable 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, the GURU app, or through one-click access across a suite of OneScreen hardware and software solutions.
Built-in microphone	With its integrated 8-array microphone, the T7 delivers superior audio capture at no additional cost - an edge Samsung models lack due to the absence of built-in microphones.
NFC support	OneScreen T7 supports user logins through NFC / Beacon cards whereas Samsung's WAD and WAF series lack this feature.

Key Advantages

The Touchscreen T7 boasts a newer version of Android 15 compared to Android 13 of the WAD series and Android 14 of the WAF series
The T7 boasts 128 GB of storage compared to the 64 GB storage of both Samsung models
An intuitive user experience with layout options for business and education users
Superior whiteboarding software with more integrated options such as built-in Periodic Table, Simulation exercises, Lesson Repository, and support to insert formulae
Classroom and business friendly AI tools including live transcription, translation, summaries, Suprnotes, AI-based quiz generation, lesson builder
Offers thousands of pre-made lessons for grades K-12 and an AI-powered lesson builder
Creates AI-powered quizzes from text, documents, presentations, and image files that can be exported to any LMS or document file
Generates captions, translations, summaries — all with AI and voice input
Includes OneScreen Beacon for real-time push notifications across multiple channels

Full Feature Comparison

Hardware

Description	Touchscreen T7	Samsung WAD Series	Samsung WAF Series
Display and Sound			
Screen sizes	65" / 75" / 86"	65" / 75" / 86"	65"/ 75"/86"
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	Up to 400 cd/m²	Up to 400 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": 184 W 75": 169 W 86": 205 W	65": 172 W 75": 215 W 86": 264 W
Static contrast ratio	5000:1	1200:1	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)	2x HDMI In (1x Front, 1x Side)
	2x Touch USB	2x Touch USB (1x Front, 1x Side)	2x Touch USB (1x Front, 1x Side)
	1x Audio In (3.5mm)	1x Audio In (3.5mm)	1x Audio In (3.5mm)
	1x Display Port	✗	✗
	1x OPS Slot	1x OPS Slot	1x OPS Slot
Output ports	1x Audio Out (3.5 mm)	1x Audio Out (3.5 mm)	1x Audio Out (3.5 mm)
	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)	1x USB type-C In with 4K Video, Audio, Network and Touch (1x Front 65W Power Delivery)	1x USB type-C In with 4K Video, Audio, Network and Touch (1x Front 65W Power Delivery)
	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 (4x 3.0, 1x 2.0)	4x USB (2x 3.0, 2x 2.0)
	2x RJ45 (Passthrough)	2x RJ45 (Passthrough)	2x RJ45 (Passthrough)
	1x RS232 (DB-9 Connector)	1x RS232	1x RS232
	Wi-Fi 6E on 2.4GHz/5GHz/6GHz	Wi-Fi 6 on 2.4GHz/5GHz	Wi-Fi 5 on 5GHz
	Bluetooth 5.3	✓ (version not specified)	✓ (version not specified)
Product weight	65": 85.3 lbs 75": 112 lbs 86": 138.8 lbs	65": 74.7 lbs 75": 100.3 lbs 86": 124.5 lbs	65": 77.6 lbs 75": 107.8 lbs 86": 137.8 lbs
Speakers	2x 20W, front facing speakers with stereo output	2x 15W, front facing speakers with stereo output	2x 15W, front facing speakers with stereo output
Subwoofer	1x 25W	✗	✗
Microphone	Built-in 8-microphone array with noise reduction	✗	✗
Sensors	Ambient light, IR Sensor	Ambient light, IR Sensor, Eco Sensor	Ambient light, IR Sensor, Eco Sensor
Optional sensors	Motion , Humidity, Temperature, TVOC, and Particulate Matter (PM 2.5) Detection, NFC	✗	✗

NFC card reader	✓ 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)	7H Hardness	5H Hardness
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)	Quad-core (4x A55)	Octa-core (4x A73 + 4x A53)
RAM	8 GB	8 GB	8 GB
Storage	128 GB	64 GB	64 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 (Zero bonding Gen 2)	Infrared	Infrared
Points of touch supported	Up to 50 touch points (OS dependent)	Up to 40 touch points (Both Windows and Android)	Up to 40 touch points (Both Windows and Android)
Supported operating systems for touchscreen	Windows, Linux, Mac, Android, and ChromeOS	Windows, Linux, Mac, Android, and Chrome OS	Windows, Linux, Mac, Android, and Chrome OS
Response time	< 2.5 ms	≤ 10 ms	≤ 5 ms
Touch accuracy	1 mm	3 mm	2 mm
Accessories			
Stylus	2x Magnetic Stylus (antibacterial)	2x Magnetic Stylus	2x Magnetic 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 (3840x2160 @ 60Hz)
	1x USB Touch Cable	1x USB Touch Cable	1x USB Touch Cable
Remote control	1x	1x	1x
Wall mount	✓ VESA standard	✗ Optional purchase	✗ Optional purchase
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	✓	✓ Smart select option for quick and easy searching	✓ Smart select option for quick and easy searching
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	Samsung Screen Share	Samsung Screen Share
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	9	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, and DLNA	✓	✓	✓
Whiteboard			
Included Software	OneScreen Write	Note	Note
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	✓	✓	✓
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	Air Class	Air Class
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)	N/A	N/A
Dedicated subject-based tools	✓ 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	×	×
Device Administration			
Included Software	Admin Panel	Administrator Settings	Administrator 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)	✓	Only through device management solution	Only through device management solution
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	✓	Only through device management solution	Only through device management solution
Generate and export debugging logs	✓	Only through device management solution	Only through device management solution
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	AI Assistant	AI Assistant
Live audio transcription	✓	✓	✓
Transcription summary	✓	✓	✓
Live translation of transcripts	✓	×	×
Instant AI-based quiz generation of transcription or translation	✓	×	×
Option to save screen recording with transcription and translation	✓	×	×
Topic navigation within transcription	✓	✓	✓
Comprehensive lecture summary	✓ Including transcription, annotation, voice, on-screen videos and documents	✓ Including transcription and voice recording	✓ Including transcription and voice recording
Export translation or transcription with summary	✓ As .doc, .txt or .pdf	✓ (Transcription only)	✓ (Transcription only)
K-12 Educational Lessons/Content			
Included Software	OneScreen Lessn	N/A	N/A
Repository of thousands of pre-made lessons for grades K-12	✓	×	×
Availability of multiple subjects	✓ Math, English, Sciences, History, Geography	×	×
AI-powered lesson builder	✓	×	×
Diverse content options in lessons	✓ Images/Visuals, Class Activities, and Quiz Questions	×	×
Option to export	✓ Google Slides, PDF, PowerPoint Presentation	×	×
Remote Device Management			
Included Software	OneScreen Control	Device Management Solution	Device Management Solution
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	Samsung WAD Series	Samsung WAF Series
24/5 Support	Live, free 24/5 GURU support available via email, chat, phone, video, audio and the Guru app	✓ Online Chat support, Training videos, FAQs section	✓ Online Chat support, Training videos, FAQs section
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	✓ Demo can be scheduled	✓ Demo can be scheduled
Warranty	3-Year Standard Warranty (5-Year Extendable)	3-Year Standard Warranty (7-Year Extendable)	3-Year Standard Warranty (7-Year Extendable)
	Advanced Hardware Replacement (Optional)	×	×

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