

Touchscreen T7 vs Smart

At a Glance



Feature	OneScreen T7	SMART Board MX (V5)
Computing		
Processor	Octa-core (4x A76 + 4x A55)	Octa-core (4x A76 + 4x A55)
RAM	8 GB	8 GB
Storage	128 GB	64 GB
Device OS		
Operating system	Android 15	Android 13 (Automatic update to Android version 15.0 scheduled for the second half of 2025)
Google EDLA-certified	Yes	Yes
Hardware		
Type C ports	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)	2x USB Type-C In 4K @ 60 Hz (1x Front 27W Power Delivery, 1x Side 65W Power Delivery)
Microphone	Built-in 8-microphone array with noise reduction	Built-in 6-microphone array
HDMI ports	4x HDMI In, 1x HDMI Out	4x HDMI In, 1x HDMI Out
USB ports	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 Side)
NFC Card reader	Yes	Yes
Optional sensors	Motion, Humidity, Temperature, TVOC, and Particulate Matter (PM 2.5) Detection, NFC	No
Audio	2x 20W Speakers with 25W Subwoofer	55": 2 x 15 W speakers only 65", 75", 86": 2 x 20 W speakers only
Display		
Brightness	65": 420 cd/m ² 75" and 86": 450 cd/m ²	55": 300 cd/m ² 65", 75", 86": 400 cd/m ²
Screen type	LED	LED
Touch and multi-tasking		
Points of touch supported	Up to 50 touch points (OS dependent)	Up to 50 touch points (OS dependent)
Palm rejection	Yes	Yes
Supported unique touch inputs	4 (Thin pen tip, Thick pen tip, finger, palm)	4 (Thin pen tip, Thick pen tip, finger, palm)
Invoke annotation mode automatically using pen	Yes	Yes
Multi-tasking features	Drag and drop split screen, Multi-window mode	Drag and drop split screen
Software	OneScreen T7	SMART Board MX (V5)
Screen mirroring software	OneScreen Share	SMART Mirror
Whiteboarding annotation software	OneScreen Write	SMART Whiteboard
Remote management	OneScreen Control by default; OneScreen Central (Radix backboned MDM) optional	SMART Remote Management
User accounts management	OneScreen AMS	No
AI-based Quiz Generation Tool	OneScreen QuizWiz	LUMIO (SMART Learning Suite)
Lesson builder and Lesson repositories software	OneScreen Lessn	LUMIO (SMART Learning Suite)
Hybrid-targeted teaching & learning	OneScreen LearningHub	No
Closed captions and lesson summaries	OneScreen Scrybe	No
Convert recorded lessons into notes and handouts	OneScreen Suprnotes	No
Push button notifications	OneScreen Beacon*	No

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

Larger Overview

Superior hardware	With brighter panels (450 cd/m ² vs 400 cd/m ²), a stronger 8-mic array (vs 6), triple USB-C including a 100W front port and snap-in top camera slot, plus 9H surface hardness, the OneScreen T7 clearly edges out the SMART MX v5 in terms of hardware.
Robust AI-powered tools	Can generate captions, translations, quizzes, lessons, and notes through its AI powered tools. Also allows sending push notifications.
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 with double the storage (64 GB vs. 128GB) future-proofs your investment while being more secure
More powerful, full function USB-C ports with up to 100W of power delivery for device charging with an additional USB-C port at the top for a snap-in camera
An intuitive home screen and streamlined interface enable faster access and effortless navigation
Includes premium features inside its whiteboard — including subject based simulations, a periodic table, and lesson repository
Generates captions, translations, summaries — all with AI and voice input
Creates AI-powered quizzes from text, documents, presentations, and image files that can be exported to any LMS or document file
Includes an AI chatbot, advanced note taking tool, and a circle-to-search option
Supports an array of environmental sensors with an optional sensor box
Offers thousands of pre-made lessons for grades K-12 and an AI-powered lesson builder
Comes with user accounts management software (AMS) for user and NFC cards management
Includes OneScreen Beacon for real-time push notifications across multiple channels

Full Feature Comparison

Hardware

Description	OneScreen T7	SMART Board MX (v5)
Display and Sound		
Screen sizes	65" / 75" / 86"	55" / 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/m ² 75" and 86": 450 cd/m ²	55": 300 cd/m ² 65", 75", 86": 400 cd/m ²
No. of colors	1.07 billion	1.07 billion
Power consumption (typical)	- 65": 200 W 75": 285 W 86": 315 W	55": 72 W 65": 90 W 75": 103 W 86": 149 W
Static contrast ratio	5000:1	Information not available
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) 2x Touch USB (Side) 1x Audio In 3.5mm / VGA Audio In - 1x Display Port 1x OPS Slot	4x HDMI In (1x Front, 3x Side) 4x Touch USB (1x Front, 3x Side) 1x Audio In 3.5mm 1x VGA (Side) No 1x OPS Slot
Output ports	1x Audio Out (3.5mm) 1x S/PDIF Out 1x HDMI Out 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)	1x Audio Out (3.5mm) 1x S/PDIF Out 1x HDMI Out 2x USB Type-C In 4K @ 60 Hz (1x Front 27W Power Delivery, 1x Side 65W Power Delivery) 1x USB Type-C Out (Video, Audio, Touch, and Network)
Connectivity	5x USB (2x 3.0 at Front, 2x 3.0 at Side, 1x 2.0 at Side) 2x RJ45 (Passthrough) 1x RS232 (DB-9 Connector) Wi-Fi 6 on 2.4GHz/5GHz Bluetooth 5.2	5x USB (2x 3.2 at Front, 2x 3.2 at Side, 1x 2.0 at Side) 2x RJ45 (Passthrough) 1x RS232 (DB-9 Connector) Wi-Fi 6e on 2.4GHz/5GHz /6GHz Bluetooth 5.2
Product weight	- 65": 84 lbs 75": 112 lbs 86": 138.8 lbs	55": 71 lbs 65": 89 lbs 75": 119 lbs 86": 150 lbs
Speakers	2x 20W, front facing speakers with stereo output	55": 2 x 15 W speakers 65", 75", 86": 2 x 20 W speakers
Subwoofer	1x 25W	No
Built-in microphone	Built-in 8-microphone array with noise reduction	Built-in 6-microphone array with echo cancellation
Sensors	Ambient light, IR Sensor	Proximity, Ambient light, Infrared

Optional sensors	Proximity, Humidity, Temperature, TVOC, and Particulate Matter (PM 2.5) Detection	No
NFC card reader	Yes, with NFC-based user login support	Yes, with NFC-based user login support
Hardware optimized for card-based priority notification	Yes. Supports OneScreen Beacon Service.	No
Surface protection	9H Hardness tempered glass (anti-glare and anti-fingerprint)	55": Full heat-tempered, Anti-glare 65", 75", 86": Full heat-tempered, Anti-glare, Bonded
Operating System		
Operating system	Android 15 with EDLA Certification	Android 13 with EDLA Certification (Automatic update to Android version 15.0 scheduled for the second half of 2025)
CPU	Octa-core (4x A76 + 4x A55)	Octa-core (4x A76 + 4x A55)
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 (HyPr touch)
Points of touch supported	Up to 50 touch points (OS dependent)	Up to 50 touch points (OS dependent)
Supported operating systems for touchscreen	Windows, Linux, Mac, Android, and Chrome OS	Windows, Linux, Mac, Android, and Chrome OS
Response time	< 2.5 ms	< 8 ms
Touch accuracy	1 mm	1 mm
Accessories		
Stylus	2x Magnetic Stylus (antibacterial)	2x Magnetic Stylus
Erasers	1x Whiteboard Magnetic Eraser	No
	1x Power Cable	1x Power Cable
	1x HDMI Cable (3840x2160 @ 60Hz)	No
Cables	1x USB Touch Cable	1x USB Touch Cable
	No	1x USB-C Cable
Remote control	1x	1x
Wall mount	Yes (VESA Standard)	Yes (VESA Standard)
Other Features		
Voice commands	Google Voice Assistant / Gemini	Google Voice Assistant / Gemini
Display modes for multiple screens	Yes (Duplicate or extend screen on Android OS with touch support on other touchscreens)	Yes (Duplicate Screen on Android OS with touch support on other touchscreens)
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
Circle-to-search	Yes	No
Blue-light filter	Yes	No
Light/Dark mode	Yes	Yes
Customizable buttons on remote control	Yes (3x Buttons)	No
Accounts mode	Yes - Allows to toggle authorized user sign-in only with a guest mode and admin mode for panel management	No
Screen recording	Yes (Screen, Audio and Video)	Yes

Software

Screen Mirroring		
Included Software	OneScreen Share	SMART Mirror
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	30	9
Share device's screen using browser	Yes	Yes
Screensharing across a different network	Yes	No
Screensharing over the internet	Yes (Optional Upgrade)	No
Share Image/Video/Document from device	Yes	Yes
Share device's camera feed (Play/Pause)	Yes	Yes
Floating window of shared screen on the interactive display	Yes	Yes
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 (up to 50 devices simultaneously)	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	Yes
Supports Chromecast, Airplay, Miracast, and DLNA	Yes	Yes
Whiteboard		
Included Software	OneScreen Write	SMART Whiteboard
Multi-point touch supported	32 touch points	32 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 (Smart Ink)
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
Built-in periodic table	Yes	No
Built-in simulation excercises	Yes. Physics, Chemistry, Math, Earth Science, and Biology simulations for K-12 and University.	Yes
Repository of thousands of lessons for K-12	Yes	No
Insert advance formulae	Yes	No
File sharing over email	Yes	Yes
Play and insert videos	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	No
Built-in live support	Yes	No

Personalized User Accounts		
Included Software	OneScreen Account	SMART Accounts
Multiple accounts	Yes	Yes
Log in via Google/Microsoft Account	Yes	Yes
Login with QR code	Yes	Yes
Google Drive/OneDrive integration	Yes	Yes
Home page customization (wallpaper, widgets, My apps)	Yes	Yes
Cloud storage supported	Yes	Yes
Log in with NFC	Yes	Yes
Sync device settings and wall papers	Yes	Yes
Student Engagement Tool		
Included Software	OneScreen Class	Class Lab
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	No
Educational Software		
Included Software	Oktopus (Optional)	LUMIO (SMART Learning Suite)
Dedicated subject-based tools	Yes. (Math, Language, Geography, Chemistry, Physics etc.)	Yes
Lessons repository	Thousands of lessons designed for K-12 schools, designed as per curriculum of different states in USA	Yes, Hundreds of Ready-made activities, Game-based learning
Lesson management system	Yes	Yes
Classroom collaboration supported	Yes	Yes
Subject-based games	Yes	Yes
Collaboration devices OS supported	iOS, Android, MacOS, ChromeOS, Windows	Yes
Device Administration		
Included Software	Admin Panel	Settings
USB clone (Import/Export all the settings from one device to another)	Yes	Information not available
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	Yes
Install CA certificates	Yes	Yes
AI-based Quiz Generation Tool		
Included Software	OneScreen QuizWiz	Lumio
Transform text into quiz instantaneously	Yes	Yes
AI-based MCQs generation	Yes	Yes
Export quiz to PDF format, text format, or copy to clipboard	Yes	Yes
Export quiz to Google Forms, LMS (Canvas, Schoology, Moodle, Blackboard), Quizlet, AirTable etc.	Yes	Yes
User accounts	Yes	Yes

Select quiz type (MCQs, Fill in the blanks, True or False)	Yes	Yes
Select quiz difficulty	Yes	Yes
Select number of questions generated	Yes	Yes
Save quizzes on account	Yes	Yes
Import content from Google Drive (Google Classroom)	Yes	Yes
Import content through web URL	Yes	Yes
Import content from an image (OCR)	Yes	Yes
Supports multiple languages	Yes	Yes

Translations. Transcriptions. Summaries

Included Software	OneScreen Scrybe	N/A
Live audio transcription	Yes	No
Transcription summary	Yes	No
Live translation of transcripts	Yes	No
Instant quiz generation of transcription or translation	Yes	No
Option to save screen recording with transcription and translation	Yes	No
Topic navigation within transcription	Yes	No
Comprehensive lecture summary	Yes - including transcription, annotation, voice, on-screen videos and documents.	No
Export translation or transcription with summary	Yes - as .doc, .txt or .pdf	No

K12 Educational Lessons/Content

Included Software	OneScreen Lessn	Lumio
Repository of thousands of pre-made lessons for grades K-12	Yes	Yes
Availability of multiple subjects	Yes - Math, English, Sciences, History, Geography	Yes
AI-powered Lesson builder	Yes	No
Diverse content options in lessons	Yes - Images/Visuals, Class Activities, and Quiz Questions	Yes
Option to Export	Yes - Google Slides, PowerPoint Presentation	Yes (within their ecosystem only)

Hybrid Targeted Teaching & Learning

Included Software	OneScreen LearningHub	Only available via third-party apps
Give live video lessons	Yes	No
Share device's screen	Yes	No
Lesson recording	Yes (with audio, video, screen content and live captions)	No
Allow on-screen annotation over content	Yes	No
In-meeting polling options	Yes	No
Built-in shared notes	Yes	No
Built-in AI-based quiz generator	Yes	No
Generate URL for recorded lesson	Yes	No
Auto engagement scoring of remote students	Yes	No
Platforms supported for conferencing	Web-based - Android / iOS / Mac / Windows / Chrome OS / Linux	No
Integration with LMS software	Yes	No

Remote Device Management		
Included Software	OneScreen Control	SMART Remote Management
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	Yes
Push alerts, messages and announcements	Yes	Yes
Smart grouping by class or attributes	Yes	Yes
Messages to multiple recipients simultaneously	Yes	Yes
Remotely view or control the device's screen	Yes	Yes
Push settings and apps to each user account inside the device	Yes	No
Update firmware updates over-the-air (OTA)	Yes	Yes
Install security certificates (VPN, Apps, and Wi-Fi)	Yes	Yes
Account Management		
Included Software	OneScreen AMS	N/A
Remote creation and management of user accounts	Yes	No
Bulk creation of accounts	Yes	No
Integration with active directory	Yes	No
Multi-tier admin accounts	Yes	No
Panel management for accounts mode	Yes	No
Video Conferencing (for Business customers)		
Included Software	OneScreen Hypo (1-Year Subscription Included)	N/A
Multi-point video / audio call	Yes	No
Screen share and control	Yes	No
Multiple camera streams from single device	Yes	No
PSTN interoperability	Yes (dial-in only)	No
SIP interoperability	Yes (dial-in only)	No
Shared whiteboard for in-meeting collaboration	Yes	No
In-meeting polling options	Yes	No
Platforms supported for conferencing	Mac / Windows / Linux	No
Live support	Yes, via video / audio / email / chat / phone	No
Third-party conferencing apps supported (Meet, Teams, Zoom etc.)	Yes	Yes
Push Button Notifications		
Included Software	OneScreen Beacon (Optional)	N/A
Types of push button notifications supported	Text messages, emails, and calls	No
Option to customize notifications	Yes	No
Details included in notification	Includes badge holder's name, location, date, and time	No
Support for multiple responders for notifications	Yes	No
Enable/Disable notifications for users	Yes	No
Built-in free, live, unlimited support	Yes	No

Support and Training

Support	Live, free 24/5 GURU support available via email, chat, phone, video, audio and the GURU app	Yes, via email / call
Live support within product	Live, free 24/5 GURU available support directly from our product interface and apps	No
Training	Yes. Free, unlimited online training with GURU	Online resources
Warranty	3-Year Standard Warranty (5-Year Extendable) Advanced Hardware Replacement (Optional)	3-Year Standard Warranty (4 and 5 year extendable) No

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