OneScreen TL7 vs SMART MX & Pro

Hardware	OneScreen TL7	SMART Board MX (v3)	SMART Board 6000S (v3) Pro
Display and Sound			
Screen Sizes Available	55" / 65" / 75" / 86"	55" / 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
Brightness	400 cd/m2	55" > 300 cd/m², 65",75",86": > 400 cd/m²	> 350 cd/m²
Power Consumption	55": 160W	55": 90 W	-
	65": 200 W	65": 120W	65": 105 W
	75": 200 W	75" 150 W	75" 134 W
	86": 350 W	86" 150W	86" 161 W
Static Contrast Ratio	1200:1	-	-
Refresh Rate	60 Hz	60 Hz	60 Hz
No. of Colours	1.07 billion	1.07 billion (10 bit)	1.07 billion (10 bit)
Viewing Angle	178°	178°	178°
Lifespan	>50,000 hours	>50,000 hours	>50,000 hours
Slot for PC	Yes	Yes	Yes
Input Ports	3x HDMI in (1x Front & 2x Back)	3x HDMI in (1x Front & 2x Back)	3x HDMI in (1x Front & 2x Back)
	2x Touch USB (1x Front & 1x Back)	4x Touch USB (1x Front & 3x Back)	4x Touch USB (1x Front & 3x Back)
	1x Audio In 3.5mm / VGA Audio in	1x Audio In 3.5mm	1x Audio In 3.5mm
	1x VGA In (Back)	1x VGA In (Back)	1x VGA In (Back)
Output Ports	1x Audio Out (3.5mm)	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	1x USB Type-C 4K @ 60 Hz (65W Power Delivery)	2x USB Type-C 4K @ 60 Hz (1x 15W & 1x 65W Power Delivery)	2x USB Type-C 4K @ 60 Hz (65W Power Delivery)
	5x USB (2x 3.0 at Front, 2x 3.0 at back ; 1x 2.0 at back)	4x USB (2x 2.0 at back, 2x 3.0 at front)	4x USB (2x 3.0 at back, 1x 2.0 at front, 1x 3.0 at back)
	2x RJ45 (Passthrough)	2x RJ45 (Passthrough)	2x RJ45 (Passthrough)
	1x RS232 (DB-9 Connector)	1x RS232 (DB-9 Connector)	1x RS232 (DB-9 Connector)
	IEEE 802.11b/g/n/ac/ax supporting WPA/WPA2 PSK/WPA 3/802.1xEAP authentication protocols @ 2.4Ghz/5Ghz (Wi-Fi 6 enabled)	Wi-Fi 4 enabled (2.4Ghz/5Ghz)	Wi-Fi 4 enabled (2.4Ghz/5Ghz)
	Bluetooth 5.0	Bluetooth 5.0	Bluetooth 5.0
Product Weight	55": 57.54 lbs	55": 77 lbs	-
	65": 77.1 lbs	65": 88 lbs	65": 112 lbs
	75": 104.3 lbs	75": 116 lbs	75": 143 lbs
	86": 129.1 lbs	86": 185 lbs	86": 158 lbs
Speakers	2x 16W, front facing speakers with stero output	2x 15 W front facing speakers	2x integrated 20 W speakers, Integrated linear four-microphone array
Built-in Microphone	Webcam with built-in mic (optional)	No	Yes
Sensors	Ambient light, IR Sensor	Ambient light, IR Sensor	Proximity, ambient light, infrared, room temperature and humidity
Gesture Control	Yes	Yes	Yes
Surface Protection	Level 7 MoHS tempered glass (anti-glare and anti-fingerprint)	Fully heat-tempered, anti-glare, bonded glass	Fully heat-tempered anti-glare glass that resists smudges and fingerprints
Operating System			
Operating System	Android 11	Android 09	Android 09

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RAM	8 GB	6 GB	6 GB
ROM	64 GB	32GB	32GB
Apps Store	OneScreen Store	App Store	App Store
Wireless Screen Sharing/Mirroring	Yes	Yes	Yes
Over-the-Air (OTA) Updates	Yes	Yes	Yes
Touch			
Touch Technology	Infrared with zero bonding Gen2	HyPr touch with Advanced IR (based on InGlass)	HyPr touch with Advanced IR (based on InGlass)
Points of Touch Supported	Up to 40 touch points (OS dependent)	20 - Windows and Mac, 10 - Chrome OS	Up to 40 touch points (OS dependent)
Supported Operating Systems for touchscreen	Windows	Windows	Windows
	Linux	Linux	Linux
	Mac	Mac	Mac
	Android	Android	Android
	Chrome OS	Chrome OS	Chrome OS
Response Time	≤ 7 ms	≤ 5 ms	9 ms, 8 ms, 8 ms
Touch Accuracy	1.5 mm	±1 mm (over 90% area)	±1 mm
Accessories			
Stylus	2x Magnetic Stylus (anti bacterial)	2x normal	2x normal
Erasers	-	-	2x
Cables	1x Power Cable	1x Country-specific power cable	1x Country-specific power cable
	1x HDMI Cable (3840x2160 @ 60Hz)	-	-
	1x USB Touch Cable	-	1x USB Touch Cable
	1x USB-C Cable	-	-
Remote Control	1x	1x	1x
Wall Mount	Yes (VESA Standard)	Yes (VESA Standard)	Yes (VESA Standard)
Built-in Camera	No	No	No
Optional OPS			
OPS PC Module	Optional	Optional	Optional
Processor	Intel Core i5 / i7	Intel Core i5 / i7 (11th generation)	Intel Core i5 / i7 (11th generation)
Memory	16 GB (Upgradeable to 32 GB)	8 GB	8 GB
Storage	256 GB	256 GB	256 GB
Graphics	Intel Iris Xe Graphics	Intel Iris® Xe Graphics 80EU / 96EU	Intel Iris® Xe Graphics 80EU / 96EU
OPS Connectivity	4x USB 3.0	3x USB (2x 3.0; 1x2.0)	3x USB (2x 3.0; 1x2.0)
	1x USB Type-C	2x USB 3.0 C	2x USB 3.0 C
	1x HDMI out	1x HDMI out	1x HDMI out
	1x RJ45	1x RJ45	1x RJ45
	1x 3.5 mm Mic in	1x 3.5 mm Stereo Out	1x 3.5 mm Stereo Out
	1x 3.5 mm Audio Out	1x 3.5 mm Stereo In	1x 3.5 mm Stereo In
	-	1x HDMI in	1x HDMI in
	1x Wi-Fi	1x Wi-Fi	1x Wi-Fi
Operating System	Windows 11	Windows 10	Window 10

Softwares Included

Screen Mirroring Software	OneScreen Share	SMART Screen Share	
Supported Devices	Android, iOS, Mac, Windows, Linux and Chromebook	Android, iOS, Mac, Windows and Chromebook	

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Maximum number of devices that can be shared simultaneously	9	8	8
Share device's screen using browser	Yes	No	No
Share Image/Video/Document from device	Yes	Yes	Yes
Share device's Camera feed (Play/Pause)	Yes	No	No
Floating window of shared screen on the interactive display	Yes	No	No
Share device's specific window only	Yes	Yes	Yes
Control other devices from the interactive display	Yes	Yes	Yes
Mirroring the interactive display to other devices	Yes	No	No
Control interactive display from other devices	Yes	No	No
Use mobile phone as a touchpad/remote for the interactive display	Yes	No	No
Teacher can launch/disconnect specific/all of the connected devices	Yes	Yes	Yes
Built-in Annotation Tool	Yes	Yes	Yes
Camera and Mic sharing over your personal device	Yes	No	No
Supports Chromecast, Airplay and Miracast	Yes	Yes	Yes
Annotation Software Android Side	OneScreen Write	SMART Whiteboard	SMART 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	Yes	Yes (Smart Ink)	Yes (Smart Ink)
Multiple types of writing tools	Yes	Yes	Yes
Multi Colored Pen	Yes	Yes	Yes
Draw Shapes	Yes	Yes	Yes
Geometry tools	Yes	Yes	Yes
Shape recognition	Yes	Yes	Yes
Text recognition	Yes	Yes	Yes
Background	Preset Colors / Custom Images	Any Color / Preset Images	Any Color / Preset Images
Pen Type Detection	Yes	Yes	Yes
File Sharing Over Email	Yes	No	No
File Sharing through QR Code	Yes	No	No
File saving to cloud	Yes	Yes	Yes
Built-in browser	Yes	No	No
Drag and drop images from browser	Yes	No	No
Built-in Live Support	Yes	No	No
User Accounts	OneScreen Account	Accounts	Accounts
Multiple accounts	Yes	Yes	Yes
Log in via Google/Microsoft Account	Yes	Yes	Yes
Login with QR Code	Yes	No	No
Google Drive/OneDrive Integration	Yes	Yes	Yes
Home Page customization (wallpaper, widgets, My apps)	Yes	Yes	Yes
Cloud Storage Supported	Yes	Yes	Yes
Login with NFC	No	No	Yes
Sync device settings and wall papers	Yes	Yes	Yes

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Student Engagement Tool	OneScreen Class	Vote	Vote
Create polls	Yes	Yes	Yes
Allow students to vote from their personal devices	Yes	Yes	Yes
Spinner	Yes	No	No
Allow students to send messages to be displayed over the screen	Yes (when enabled)	No	No
Device Administration	**Admin Panel**	**Settings**	**Settings**
USB Clone (Import/Export all the settings from one device to another)	Yes	No	No
Open default startup item	Yes	No	No
Kiosk Mode (set up any app/webpage as the default startup item)	Yes	No	No
Auto Remove files (delete selected type of files after particular interval)	Documents, Images, Audio, Videos and Others	No	No
Disable USB device/port	Yes	Yes	Yes
Disable device Wi-Fi/Hotspot/Ethernet/Bluetooth)	Yes	Yes	Yes
Generate and export debugging logs	Yes	Yes	YesD133
Install CA Certificates	Yes	Yes	Yes
AI based Quiz Generation Tool	**QuizWiz**	**N/A**	**N/A**
Tranform text into Quiz automatically	Yes	-	-
AI based MCQs generation	Yes	-	-
Export Quiz to PDF format	Yes	-	-
Hybrid targeted teaching & learning	**LearningHub**	**N/A**	**N/A**
Give live video lessons	Yes	-	-
Share device's screen	Yes	-	-
Lesson recording	Yes (with audio, video, screen content and live captions)	-	-
Allow On-Screen annotation over content	Yes	-	-
In-meeting polling options	Yes	-	-
Built-in shared notes	Yes	-	-
Built-in AI based Quiz Generator	Yes	-	-
Generate URL for recorded lesson	Yes	-	-
Auto Engagement Scoring of remote students	Yes	-	-
Platforms supported for conferencing	Web-based - Android / iOS / Mac / Windows / Chrome OS / Linux	-	-
Integration with LMS software	Yes	-	-
Remote Management	**OneScreen Central**	**SMART Remote Management**	**SMART Remote Management**
Set triggers and alerts	Yes	Yes	Yes
Track and lock devices	Yes	Yes	Yes
User status	Yes	Yes	Yes
Remotely control power options	Yes	Yes	Yes
Bulk install, delete and disable applications on multiple devices	Yes	Yes	Yes
Workflows	Yes	Yes	Yes
Push alerts, messages and announcements	Yes	Yes	Yes
Smart grouping by class or attributes	Yes	Yes	Yes
Messages to multiple recipients simultaneously	Yes	Yes	Yes

OneScreen TL7 vs SMART MX & Pro

Annotation Software (Windows/mac)	OneScreen Annotation & Whiteboarding Software	Smart Ink / Smart Notebook	Smart Ink / Smart Notebook
Multi-point touch supported	10 touch points	16 touch points	16 touch points
Gesture Recognition	Pinch in/out zoom in/out Palm erase	Pinch in/out zoom in/out	Pinch in/out zoom in/out
Write on any app/window	Yes	Yes (Smart Ink)	Yes (Smart Ink)
Built-in Image search engine	Yes	No	No
Shape recognition	Yes	Yes	Yes
Text recognition	Yes	Yes	Yes
Screen recording for whiteboard session with audio recording	Yes	Yes	Yes
Screen capture tools	Yes	Yes	Yes
Support for annotating on various formats	Yes	Yes	Yes
Educational	**ZUNI Learning/Oktopus**	**LUMIO (SMART Learning Suite)**	**LUMIO (SMART Learning Suite)**
Dedicated Subject based tools	Yes. (Math, Language, Geography, Chemistry, Physics etc.)	Yes	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	Yes, Hundreds of Ready-made activities, Game-based learning
Lesson Management System	Yes	Yes	Yes
Classroom collaboration supported	Yes	Yes	Yes
Subject based games	Yes	Yes	Yes
Collaboration devices OS supported	iOS, Android, MacOS, ChromeOS, Windows	Yes	Yes
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 / call	Yes, via email / call
Live support within product	Free, unlimited, live Screen Skills Guru support directly from our product interfaces and apps	No	No
Training	Yes. Free, unlimited online training	Online resources	Online resources
Warranty	3-Year Standard	3-Year Standard	3-Year Standard
	Advanced Hardware Replacement (optional)	1- or 2-year extendable options available	1- or 2-year extendable options available

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