

# Touchscreen T7 vs Boxlight

## At a Glance



Feature	OneScreen T7	Boxlight MimioPro G
<b>Hardware</b>		
HDMI ports	4x HDMI In (1x Front, 3x Side)	3x HDMI In
Response time	< 2.5 ms	< 5 ms
Network	2.4 Ghz + 5 Ghz Wi-Fi, Hotspot, Gigabit Ethernet	2.4 Ghz + 5 Ghz Wi-Fi, Hotspot, Gigabit Ethernet
Audio	2x 20W Speakers, 1x 25W Subwoofer	2x 20W Speakers, 2x 10W Subwoofers
Surface protection	9H Hardness tempered glass (anti-glare and anti-fingerprint)	Mohs Level 7 tempered glass (anti-glare)
<b>Touch and multi-tasking</b>		
Pressure sensitivity for touch	Yes	No
Multi-tasking features	Drag and drop split screen, Multi-window mode	Multi-window mode
<b>Software</b>		
Whiteboard & Annotation	Perpetual OneScreen Write license	Perpetual license of Note Whiteboard
Screen sharing	Up to 9 users simultaneously	Up to 9 users simultaneously
Video conferencing	Free 1st year license of OneScreen Hype	No
Cloud drives supported	Google Drive, OneDrive	Google Drive, OneDrive, MimioConnect
Learning management	Free 1st year license of OneScreen LearningHub	Paid license of MimioConnect
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	Yes. Supports login using QR code and NFC cards
Push button notifications	OneScreen Beacon*	No
Built-in support	Free, live, unlimited support and training through one-click access from the homepage and software suite	No

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

# Key Advantages

Android OS and EDLA	Both OneScreen T7 and Boxlight MimioPro G operate on Android 15 with EDLA certification, which helps them excel 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 Boxlight MimioPro G both boast a swift 8-core processor for smooth work flows.
Touch improvements	The OneScreen T7 offers a superior touch experience. 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. Both of them support upto 50 touch points. However, a response time of 2.5ms makes the T7 more responsive than the MimioPro G that has a response time of 5ms. Both panels a high touch accuracy of 1mm.
Audio	The OneScreen T7 boasts a more powerful audio system with 20W speakers and a 25W subwoofer, delivering richer sound against the MimioPro G's 20W Speakers and 20W Subwoofers. Both panels feature an 8-microphone array for clear audio recording and communication, eliminating the need for external microphones for video conferencing and transcription.
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 MimioPro G 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 Q Pro on the other hand does not have such features. The MimioPro G does makes use of AI through the MimioConnect software which allows lesson creation and delivery through various AI elements.
On-screen annotations	However, T7 introduces a unique "pen-to-annotate" mode. Simply pick up the stylus and start writing directly on the screen to enter annotation mode instantly. The pen's side acts as an eraser, as your finger navigates the screen. The MimioPro G on the other hand, requires manual switching between modes.
Ports	Both the OneScreen T7 and Boxlight MimioPro G come with 3x USB-C In and 1x USB-C Out ports. Both panels provide a maximum power delivery of 100W through its front USB-C port, however, the T7 also provides 15W through its side port. The T7 has 4x HDMI In and an HDMI Out port compared to the MimioPro G's 3x HDMI In and 1x HDMI Out port, ensuring connectivity for more users and inputs at a single time.
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 Boxlight MimioPro G excel in their own right, addressing various use cases in classrooms, boardrooms, and conference rooms. The T7 boasts additional features like more powerful speakers, additional USB-C charging port, more HDMI ports, and higher responsiveness to touch. Moreover, the inclusion of AI based software that allows closed captions and translation, priority alerts, and quiz generation aids classrooms as well as businesses.

# Full Feature Comparison

## Hardware

Description	OneScreen T7	Boxlight MimioPro G
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	500 cd/m²
No. of colours	1.07 billion	1.07 billion
Power consumption (typical)	65": 200 W 75": 285 W 86": 315 W	65": 117 W 75": 145 W 86": 168 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
	2x Touch USB (Side)	3x Touch USB
	1x Audio In 3.5mm / VGA Audio In	1x Audio In (3.5mm)
	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
	No	1x Optical Out (Coax)
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 with 4K 60Hz Video, Audio and Touch (1x Front 100W Power Delivery, 1x Side, 1x Top Camera Port)
	1x USB Type-C Out (Video, Audio, Touch, and Network)	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 Bottom)	7x USB (4x 3.0, 3x 2.0)
	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
	Bluetooth 5.2	Bluetooth 5.0
Product weight	65": 84 lbs 75": 112 lbs 86": 138.8 lbs	65": 77 lbs 75": 105 lbs 86": 141 lbs
Speakers	2x 20W, front facing speakers with stereo output	2x 20W, front facing speakers with stereo output
Subwoofer	1x 25W	2x 10W
Built-in microphone	Built-in 8 array microphone with noise reduction	Built-in 8 array microphone with noise reduction
Sensors	Ambient light, IR Sensor	Ambient light, IR Sensor, Proximity

NFC card reader	Yes, with NFC based user login support	Yes
Hardware optimized for card-based priority notification	Yes. Supports OneScreen Beacon Service.	No
Surface protection	9H Hardness tempered glass (anti-glare and anti-fingerprint)	Mohs Level 7 tempered glass (anti-glare)
<b>Operating System</b>		
Operating system	Android 15 with EDLA Certification	Android 13 with EDLA Certification
CPU	Octa-core (4x A76 + 4x A55)	Octa-core (4x A76 + 4x A55)
RAM	8 GB	8 GB
ROM	128 GB	128 GB
Apps 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
<b>Touch</b>		
Touch technology	Infrared (with zero bonding Gen 2)	Infrared (High Precision)
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 ChromeOS	Windows, Linux, Mac, Android, and ChromeOS
Response time	< 2.5ms	≤ 5ms
Touch accuracy	1mm	1mm
<b>Accessories</b>		
Stylus	2x Magnetic Stylus (anti bacterial)	2x Stylus 2.0
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
	No	1x USB-C Cable
Remote control	1x	1x
Wall mount	Yes (VESA Standard)	Yes (VESA Standard)
Built-in camera	No	No
<b>Other Features</b>		
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 touch screens)	Yes (Duplicate or Extend Screen on Android OS with touch support on other touch screens)
Gesture control	Yes	Yes
Webcam input supported gestures to control touchscreen	Yes	No
Favourite 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	CleverShare Screen Mirroring
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	9
Share device's screen using browser	Yes	Yes
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	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/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 and Miracast	Yes	Yes
Whiteboard		
Included Software	OneScreen Write	LYNX 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
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	Any color / Preset 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	CleverLive
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
Login with NFC	Yes	Yes
Sync device settings and wall papers	Yes	Yes
Student Engagement Tool		
Included Software	OneScreen Class	AirClass
Create polls	Yes	Yes
Allow students to vote from their personal devices	Yes	Yes
Student selector	Yes	Yes
Allow students to send messages to be displayed over the screen	Yes	Yes
Educational Software		
Included Software	Oktopus (Optional)	Oktopus (Optional)
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	Thousands of lessons designed for K-12 schools, designed as per curriculum of different states in USA
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	Yes
Kiosk mode (set up any app/webpage as the default startup item)	Yes	Yes
Auto remove files (delete selected type of files after particular interval)	Documents, Images, Audio, Videos, and others	Documents, Images, Audio, Videos, and others
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	N/A
Transform text into quiz instantaneously	Yes	No
AI-based MCQs generation	Yes	No
Export quiz to PDF format	Yes	No
Export quiz to Google Classroom	Yes	No
User accounts	Yes	No

Hybrid Targeted Teaching & Learning		
Included Software	OneScreen LearningHub	MimioConnect
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	Yes
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	Yes (only with Enterprise edition)
Video Conferencing		
Included Software	OneScreen Hype (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
Remote Device Management		
Included Software	OneScreen Central	Boxlight's Networked Device Management System (NDMS)
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	LYNX Whiteboard
Multi-point touch supported	10 touch points	35 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	Information not available
Built-in image search engine	Yes	No
Shape recognition	Yes	No
Text recognition	Yes	Yes
Screen recording for whiteboard session with audio recording	Yes	Yes, additional app download required
Screen capture tools	Yes	Yes
Support for annotating on various formats	Yes	Yes
Translations. Transcriptions. Summaries		
Included Software	OneScreen Scribe	Live Transcribe App
Live audio transcription	Yes	Yes
Transcription summary	Yes	No
Live translation of transcripts	Yes	Yes
Priority Notifications		
Included Software	OneScreen Beacon	N/A
Types of priority notifications supported	Text messages, emails, and calls	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	Yes (demos can be scheduled)
Training	Yes. Free, unlimited online training with GURU	Online resources
Warranty	3-Year Standard Warranty (5-Year Extendable)	3-Year standard warranty
	Advanced hardware replacement (optional)	Extended warranty available (Optional)

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