



K7A FOR EDUCATION





Horion K7A for education



Google EDLA



Android 14.0

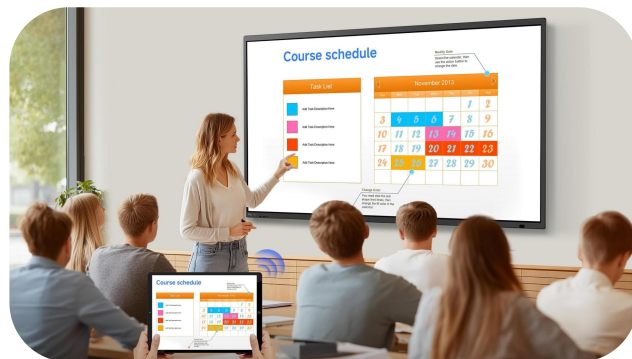


8GB RAM+256GB ROM

Application Scenarios



Kindergarten & Primary School



Junior & Senior High School



Training Centers



Universities and Colleges



Exhibition & Display Area



Multimedia Classroom

K7A Interactive Flat Panel Google EDLA Certification

The new EDLA-certified HORION gives you the best possible classroom experience by combining the power of HORION software and hardware with official Google services for education.

Google EDLA Certification

Google EDLA (Enterprise Device Licensing Agreement) certification ensures compatibility and optimal performance with Google applications and services. Users can collaborate in real time, edit documents, and share ideas effortlessly.



Google Play

Access your favorite educational apps directly on the Horion Interactive Flat Panel.



Core Services

Google apps preinstalled for teaching and learning



Collaboration Tools

Open and edit lesson files with Google Docs, Sheets, and Slides—collaborate in real time.

Google Ecosystem



AI Teaching Tools

Text-to-speech

Read on-screen text aloud to support inclusive and engaging classroom learning.

Multilingual translation

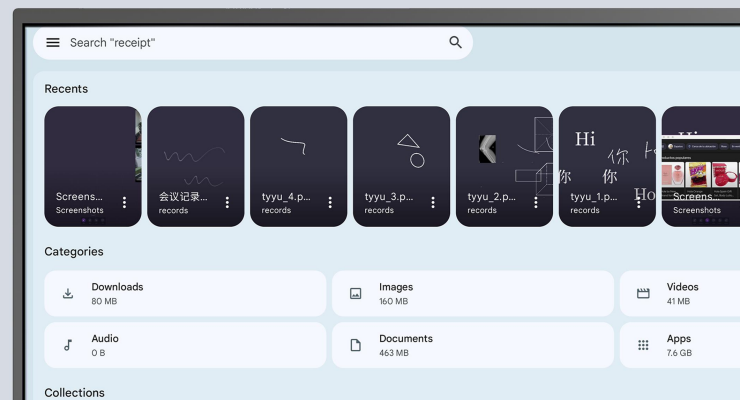
Instantly translate teaching materials into multiple languages, enabling cross-language learning without barriers.

OCR

Extract text from images and documents and convert it into fully editable content.

Seamless Google Drive Integration

With built-in Google Drive access on the board, teachers can easily open cloud-based teaching materials during class and save updates back to Drive instantly when the lesson ends.



Google Play Protect Security

Google Play Protect helps keep your display secure by detecting and preventing the installation of harmful apps and malware.



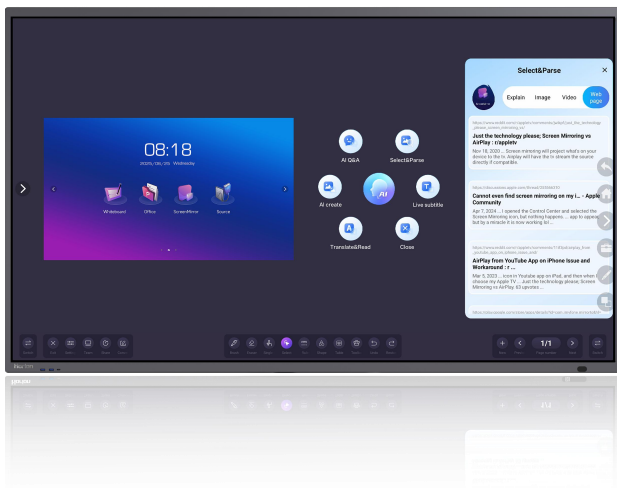
AI-Powered Large Model for Smart Learning – Seamlessly Supporting Every Stage of Teaching



AI Toolbox

Equipped with an AI-powered learning model and a built-in AI assistant, it supports real-time subtitles, live translation, and speaker recognition—making every lesson more inclusive, engaging, and effective.

Real-time Voice Translation



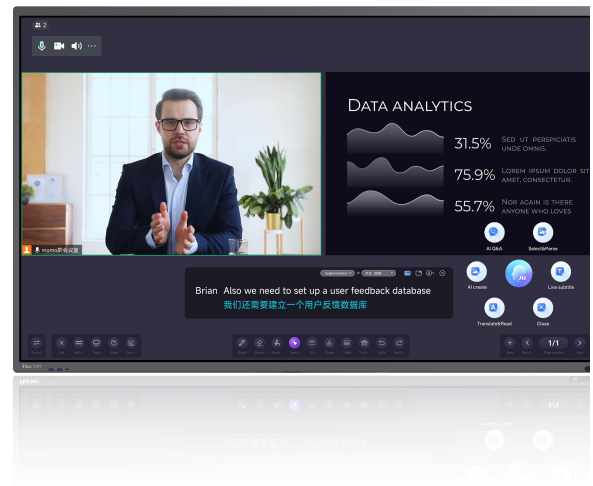
Select for AI Analysis / Translation



AI Create



AI Q&A



AI Smart Whiteboard

Unlock More Inspiration

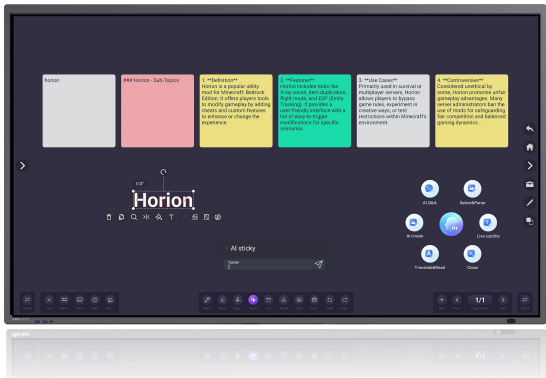
With the AI-powered whiteboard app, ideas come to life in the classroom. Horion K7A interactive flat panel helps teachers organize lessons, explore content, and create engaging activities—supporting every step of teaching and fostering seamless classroom interaction.



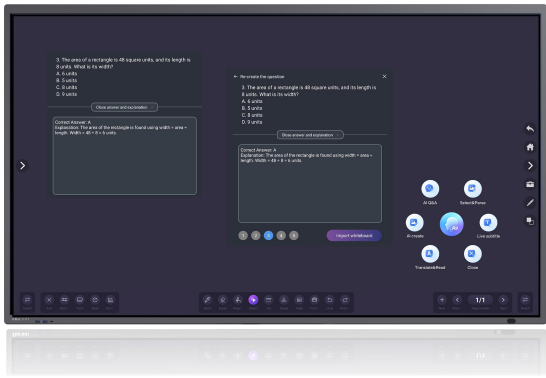
AI-Powered Whiteboard Experience

It's more than just an AI that answers questions—it's a collaborative learning partner. Real-time Q&A, instant handling of drawings and notes, and idea generation keep every lesson engaging and interactive.

AI Sticky Notes



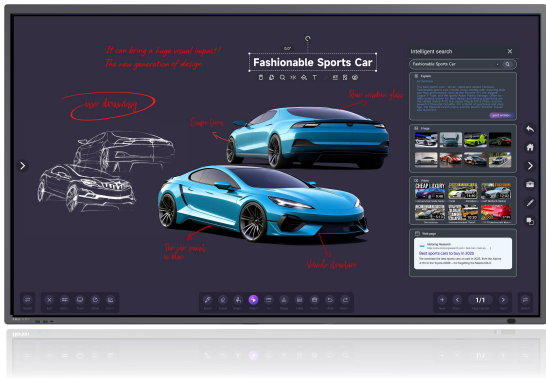
AI Question Generation



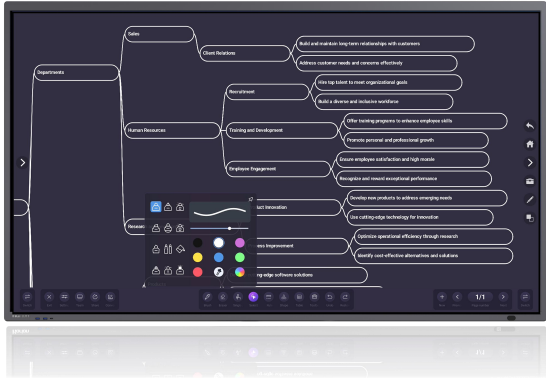
Handwriting Recognition



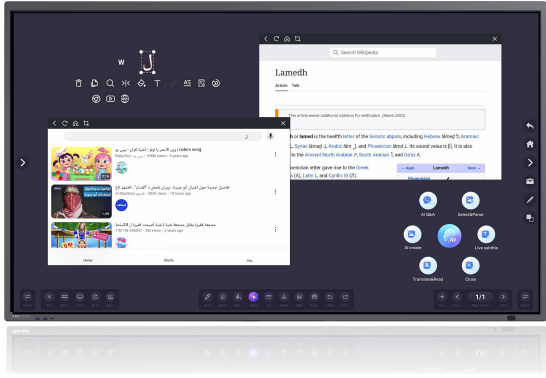
Intelligent Search



AI Mind Map



Quick Search



Horion K7A in Class Teaching



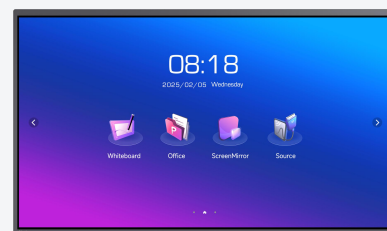
Value/Benefit

Diverse teaching modes

- 4K high-contrast screen with 178° viewing angle ensures clear visibility from any location in the classroom.
- EDLA-certified, no need for external devices – seamless collaboration with Google software can be achieved directly on the large screen.
- Supports up to 50-point touch, enabling multiple people to write simultaneously for faster and better note-taking.
- Supports courseware demonstration, playback, and annotation for diverse teaching modes.

Small classroom

Horion 65K7A + Touch Pen + Mobile Stand



65K7A



Horion K7A in Class Teaching



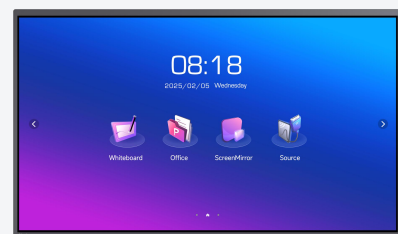
Value/Benefit

Improve classroom efficiency

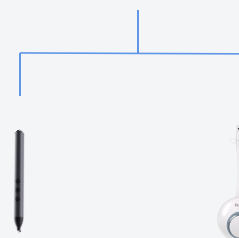
- Multimedia demonstration with sharp image quality and rich, full-bodied sound.
- Split-screen answering and interactive experiments enhance classroom efficiency.
- Screen casting and sharing, supports four-screen split display for more intuitive comparison.
- Small screens can synchronously control the large screen's display.

Laboratory Room

Horion 75K7A + Touch Pen + HT-6A
Screen Mirror Device



75K7A



Touch Pen

HT-6A Screen
Mirror Device

Horion K7A in Class Teaching



Value/Benefit

Seminar-style teaching

- 1mm writing precision and faster writing response ensure smooth and delicate writing.
- Quick screen casting from mobile devices for convenient operation demonstration.
- Team members can record and share data in real time, and scan QR codes after discussions to easily save discussion outcomes.
- Teachers can improve classroom efficiency through diverse teaching tools.

Hybrid Learning Classroom

Horion 86K7A + Touch Pen + HT-6A Screen Mirror Device + Microphone



Crafted for classrooms where learning breathes

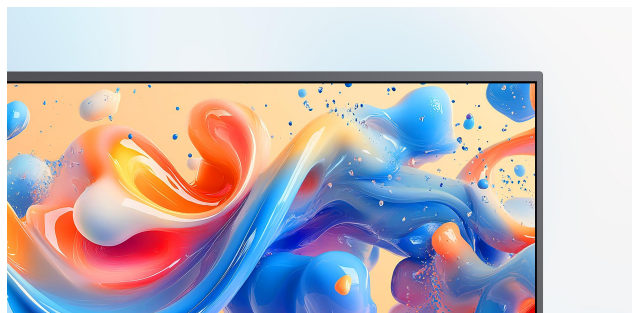


4K Ultra HD Visual Perfection in Every Pixel

- 4K high resolution for ultra clear display and vivid details; high HDR and 72% NTSC high color gamut make colors more layered and bring an unparalleled visual experience.
- A screen with a high brightness of 450 nits, paired with a 4K UI, provides you with an unparalleled viewing experience.

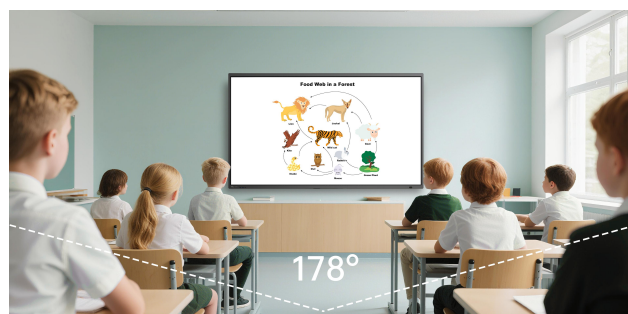


4K Ultra HD 3840 × 2160(pixels)(UHD)



72%NTSC

72% NTSC high color gamut offers a wider color display range, ensuring images, charts, and videos in teaching materials show more accurate colors with sharp details and no distortion, for precise presentation of educational content.



178° Viewing Angle

178° wide viewing angle offers clear visibility from any seat, with no color shift or glare—ensuring equal clarity for all and unhindered classroom interaction.

A limitless playground for creation

Precision Touch Instant Response to Every Touch

High-precision touch for fluid writing and instant display. Add tables, images, and more with ease. Scan to save or share - it's all intuitive.



Smart Charts

Insert tables | Shapes |
Flowcharts



Touch writing

Meet the needs of multiple people
writing at the same time



Zoom In and Out

Write with one finger,
zoom with two, erase with
the back of your hand.



An easier way to share



Multiple screen mirroring methods for easy presentation

Self-developed k-sharePro wireless screen mirroring technology enables quick screen mirroring for devices such as mobile phones, tablets, and computers.

Supported protocols



Miracast



Airplay



Google cast



DLNA

Mainstream devices



Android



MacOS



IOS Windows

Support 4-way split screen comparison

Supports simultaneous screen projection on multiple devices, enabling clear comparison of data tables.

Switch with Ease



Dual System (Optional)

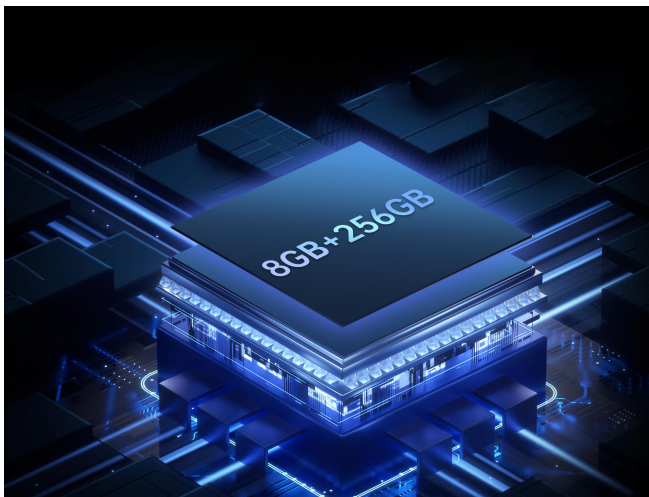
Out of the box with Android 14.0, and an optional Windows system.



Built-in
Android 14.0 system



Optional with OPS computer module
(Windows 11)



High-Performance Large Storage 8GB RAM and 256GB storage

Faster startups, quicker software launches,
and speedy data access

All about a seamless, powerful experience.

MEMC

image motion
compensation



color enhancement
processing



point-to-point precision
display technology

K7A Product Specification

K7A	Product Attributes		
Size	65"	75"	86"
Resolution(pixels)	3840×2160(pixels)(UHD)	3840×2160(pixels)(UHD)	3840×2160(pixels)(UHD)
Brightness	450cd/m ²	450cd/m ²	450cd/m ²
Backlight Type	D-LED	D-LED	D-LED
Contrast Ratio	1200:1	1200:1	1200:1
Response Time	8ms	8ms	8ms
Pixel Pitch(mm)	0.3720(H)x0.3720(V)	0.4296(H)x0.4296(V)	0.4935(H)x0.4935(V)
Refreshing Frequency	60Hz	60Hz	60Hz
Viewing Angle	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
Color Gamut(x% NTSC)	72%NTSC	72%NTSC	72%NTSC
View Area(mm)	1428.48(H)x803.52(V)	1649.664(H)x927.936(V)	1895.04(H)x1065.96(V)
Display Colors	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)
Life Time	50,000 hrs	50,000 hrs	50,000 hrs
CPU Architecture	Cortex A73+A53	Cortex A73+A53	Cortex A73+A53
CPU Core	Quad core A73 + Quad core A53	Quad core A73 + Quad core A53	Quad core A73 + Quad core A53
GPU	Mali G52-MP8	Mali G52-MP8	Mali G52-MP8
RAM+ROM	8GB LPDDR4X+256GB	8GB LPDDR4X+256GB	8GB LPDDR4X+256GB
OS	Android 14.0	Android 14.0	Android 14.0
Power Requirements	AC 100V ~ 240V, 50/60 Hz	AC 100V ~ 240V, 50/60 Hz	AC 100V ~ 240V, 50/60 Hz
Bluetooth	BT 5.3	BT 5.3	BT 5.3
Wi-Fi	Wi-Fi5/Wi-Fi6	Wi-Fi5/Wi-Fi6	Wi-Fi5/Wi-Fi6
Sensing Type	Infrared Touch Frame	Infrared Touch Frame	Infrared Touch Frame
Surface Protection	3.2mm Toughened Glass	3.2mm Toughened Glass	3.2mm Toughened Glass
Infrared Touch	50 Points(max.)	50 Points(max.)	50 Points(max.)
Touch Accuracy	±1mm	±1mm	±1mm
Response Time	≤8ms	≤8ms	≤8ms
Output Mode	HID Standard	HID Standard	HID Standard
Connect Type	USB2.0 Full Speed	USB2.0 Full Speed	USB2.0 Full Speed
Support Multiple Touch	Windows 11/10/8/7, Android	Windows 11/10/8/7, Android	Windows 11/10/8/7, Android
Support Single Touch	Windows XP, Mac OS X, Linux, Chrome	Windows XP, Mac OS X, Linux, Chrome	Windows XP, Mac OS X, Linux, Chrome
Product Size(W×D×H)	1515mm × 87mm × 909mm	1723mm × 88mm × 1022mm	1968mm × 88mm × 1160mm
Package Size(W×D×H)	1660mm × 220mm × 1010mm	1900mm × 225mm × 1125mm	2160mm × 225mm × 1310mm
Housing Material	Aluminum/Metal plate	Aluminum/Metal plate	Aluminum/Metal plate
Housing Color	Black&Dark pewter/Black	Black&Dark pewter/Black	Black&Dark pewter/Black
Accessories	Remote Control*1、Touch Pen*2、3m Power Cord（Europe Standard*1, American Standard*1 Saudi Arabia + Britain Standard*1）、Qualified Certificate Lable*1、Instruction*1、Warranty Card*1、Wall Mount*1		
Mainboard Interface	HDMI IN*2, DP IN*1, Type-C*1, VGA IN*1, AUDIO IN*1, LAN*2, USB2.0*1, USB3.0*2, Touch*3, MIC IN*1, SPDIF*1, RS232 IN*1, AUDIO OUT*1, SD CARD*1, HDMI OUT*1		
Front Interface	Type-C*1, Public USB*2		



H o r i o n I n t e
l l i g e n t