

Horion SpaceBoard K8A

A New Benchmark For Smart Education





K8A

Smart Classroom Integrated System



4K Ultra HD Display



Android 16.0



8GB RAM+128GB ROM



Google EDLA Certification

4K Ultra HD Display

The 4K UHD display delivers exceptional clarity and detail, providing sharp visuals for images, text, and video with consistent performance from all viewing angles.



3840*2160

4K Resolution

178°

Ultra-wide View Angle

72%NTSC

Color Gamut

400cd/m²

Brightness

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AG Tempered Glass

3.2 mm anti-glare tempered glass ensures durable protection and reliable performance, with a service life of up to 50,000 hours.

3.2mm

Anti-Glare Tempered Glass

50000h

Life Time



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Octa-Core Flagship Processor

High Performance for Demanding Education Scenarios

4×Cortex-A72 + 4×Cortex-A53, up to 2.2GHz

Powered by a flagship-grade processor, it supports H.265 hardware decoding for efficient 4K video playback.

It delivers smooth performance for 4K content and educational applications, ensuring responsive and stable operation.



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Large Storage Configuration

8GB RAM + 128GB ROM

With ample memory and storage capacity, it supports smooth multitasking and stable system performance.

It allows efficient storage and access to educational content, meeting the needs of daily teaching and classroom applications.



8GB+128GB

Google Ecosystem

Pre-installed with Google services including Google Play Store, Gmail, Google Drive, Google Calendar, and Google Meet.

It provides secure access and real-time protection under Google's enterprise-grade security framework.

Google EDLA Certification

The EDLA-certified HORION integrates Google services with HORION's hardware and software, delivering a seamless classroom experience for education environments.



Google Play

Get access to your favorite education apps directly on the Horion SpaceBoard K8A



Core Services

Pre-installed with Google core services



Collaboration Tools

Use Google Docs Editors to open and edit lesson files directly on the display

Dual-System Design(Optional)

Android 16 delivers smooth performance for interactive teaching and multitasking.
Optional Windows 11 OPS enables flexible system switching for different classroom needs.

Dual System (Optional)



Android 16.0
(Horion OS 7.2)

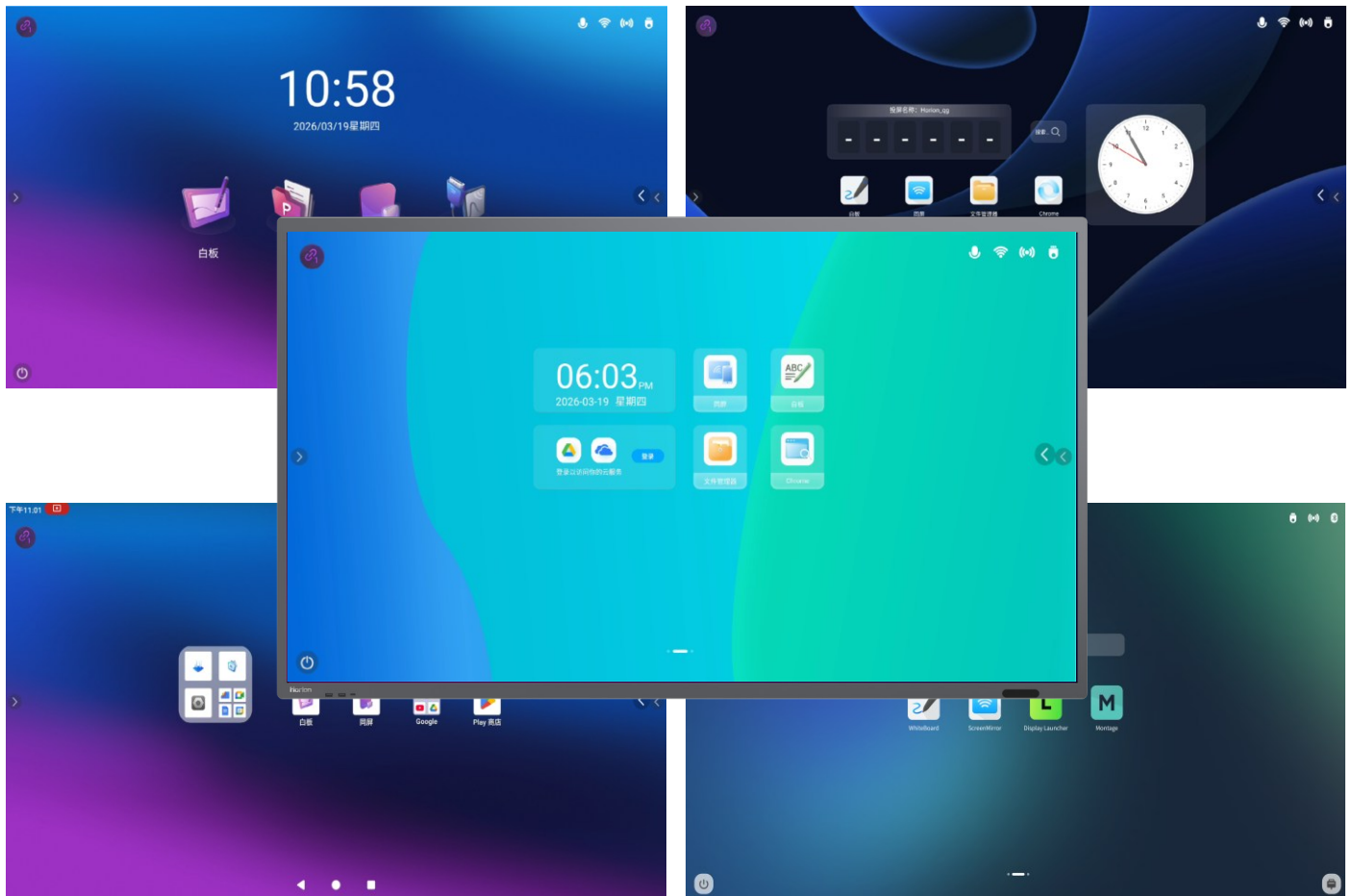


Windows 11
(Optional with OPS computer module)



Main Page Widgets

- Customize homepage widgets to create a personalized workspace.
- Switch wallpapers and themes with a single tap.
- Apps launch quickly with smooth performance.
- Flexible desktop layout supports different usage scenarios.



High-Precision Infrared Touch Technology

Smooth Writing with Instant Response

40-point multi-touch with ± 1.5 mm accuracy and 8 ms response time ensures smooth and precise writing performance. Supports multi-user writing and annotation across all channels with natural stroke experience. Enables remote whiteboard collaboration for flexible teaching scenarios.

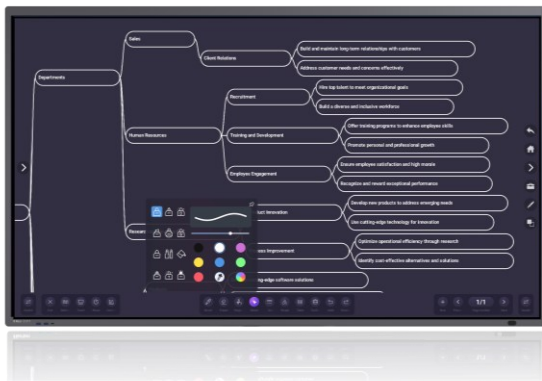


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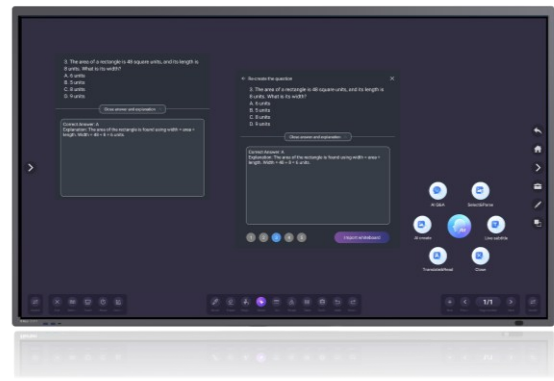
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AI-Powered Whiteboard Experience

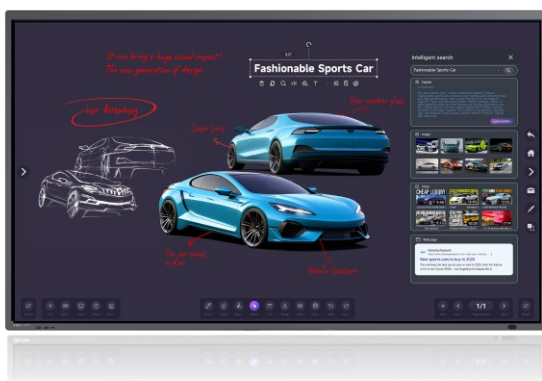
- AI Mind Map: Automatically organizes ideas into structured frameworks
- AI Question Generator: Creates interactive questionnaires with one click
- Intelligent Search: Provides real-time access to information
- AI Sticky Notes: Enables quick note-taking with automatic organization



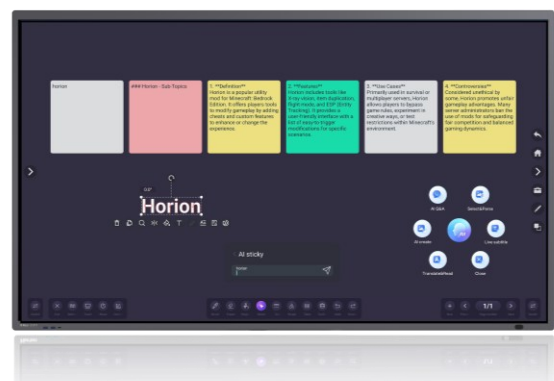
AI Mind Map



AI Question Generation



Intelligent Search



AI Sticky Notes

Kshare V3.0 Screen Casting



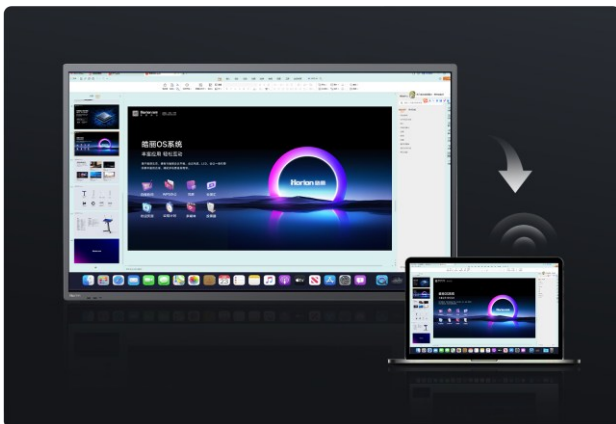
16-Split Screen Display

Ideal for group teaching and discussion, enabling side-by-side content comparison and review.



NFC One-Tap Casting

Tap-enabled NFC devices instantly connect for wireless screen sharing.



Reverse Touch Control

Control your computer directly from the interactive display, supporting page navigation and annotation.



File Sharing

Wirelessly transfer files between the display and connected devices.

All Devices, One Display

Seamless compatibility across multiple devices and platforms

Supported Devices: Android, iOS, macOS, Windows

Supported Protocols: Google Cast, Webcast, AirPlay, Miracast

Enable wireless screen sharing from phones, tablets, laptops, and desktops for teaching and presentations, with synchronized audio and video playback.



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4K Screen Casting Dongle

Enterprise wireless casting dongle for stable and high-quality screen sharing

Dual USB & Type-C Ports

True 4K Casting

Paired with an enterprise wireless casting dongle, it supports driver-free, cable-free setup and true 4K wireless casting. It delivers clear and stable display performance for videos, images, and text content.



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Dual-Band Wi-Fi (2.4GHz + 5GHz)

Provides stable wireless screen casting with dual-channel connectivity

The upgraded dual Wi-Fi module enables simultaneous connectivity for screen casting and internet access. It allows content sharing while browsing online, ensuring smooth and stable wireless performance.



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Multi-Screen Groups

Multi-Display Casting for Large Classrooms

The Horion SpaceBoard K8A supports one-to-many content casting to multiple large screens simultaneously, with up to 128 display groups supported for large-scale teaching and training scenarios.



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Remote Whiteboard Collaboration

Supports real-time whiteboard collaboration for remote teaching and teamwork

Handwriting input is synchronized across devices and locations, enabling smooth and responsive co-creation.

Supports PPT sharing to facilitate efficient discussion and interaction between remote participants.

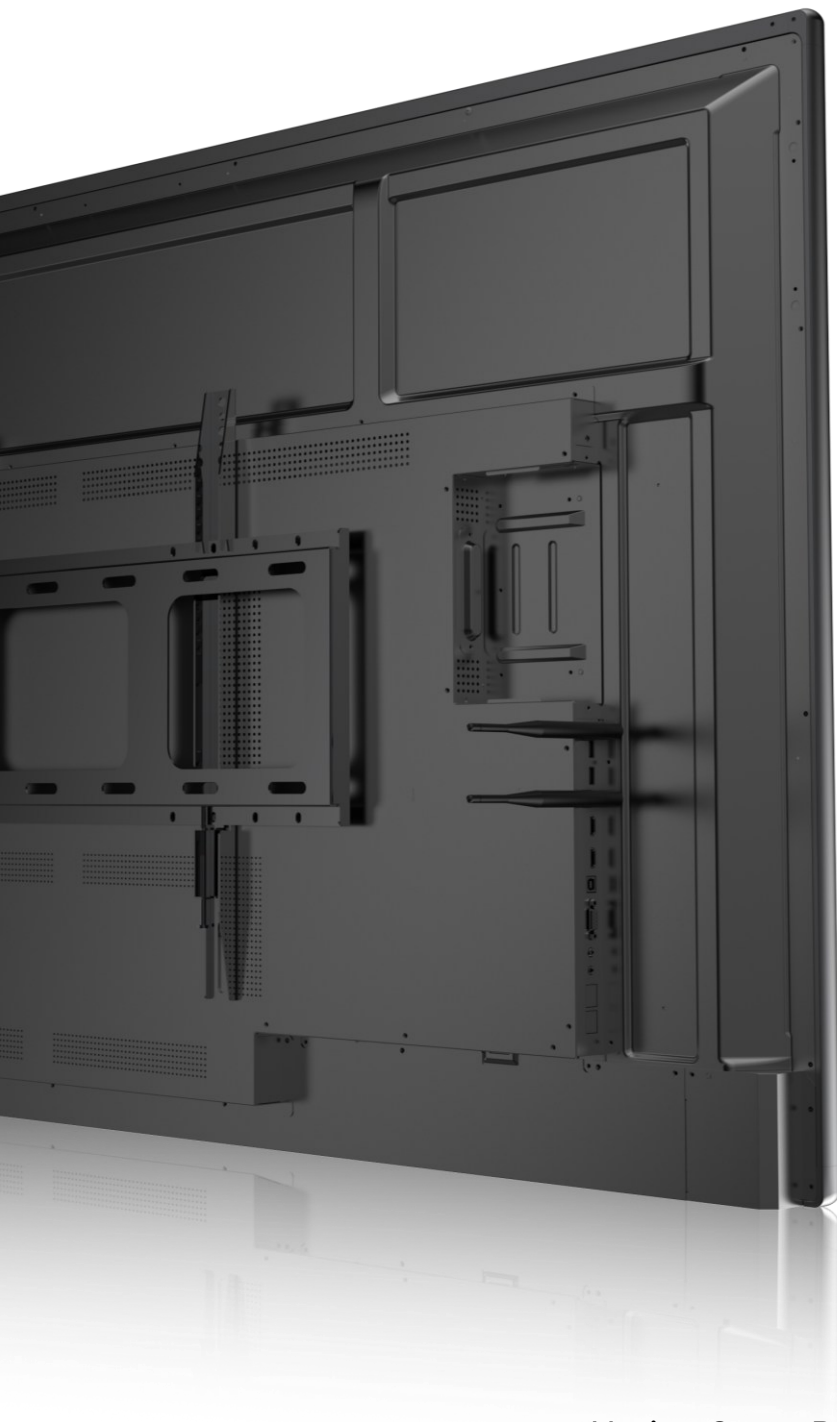


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Multi-functional Ports

65W Type-C + USB HUB

Equipped with HDMI, Type-C, and USB ports for flexible connectivity. The front Type-C port supports 65W PD fast charging and full-function data and signal transmission.



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Professional Audio System

2×20W Speakers

Equipped with a professional digital amplifier and dedicated tweeter, midrange, and woofer units.

Tuned in Horion's global audio lab, it delivers balanced, full-range sound with clear voice reproduction for teaching and presentations.



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Refined Design, Exceptional Performance

Featuring a gunmetal ultra-narrow metal bezel and zero-bonding technology, the 4K UHD display delivers an expansive viewing experience with reduced visual distractions.



Zero-Bonding Technology



Patented Stand Design



Aluminum Alloy Construction



Integrated Storage Tray

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Installation Options



Mobile Stand



Wall Mount

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Accessory Options

Standard Accessories:

- 1 × remote control, 1 × qualified certificate label
- 1 × instruction, 1 × warranty card
- 1 × wall mount bracket, 8 × expansion bolts
- 2 × Touch Pen
- 3 × 3m power cord (Europe Standard×1, American Standard×1, Saudi Arabia +Britain Standard×1)

Optional Accessories:



Smart Pen
HP-3S



Screen Casting Dongle
HT-6NA



OPS Modules
I5-12450H, I7-13620H



Microphone
HM-5U



Camera
HC-5M



Mobile Stand
HK76G2

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Size Selection



Product Specifications			
Size	Bare Unit Dimensions (L × W × H, mm)	Net Weight (kg)	Gross Weight (kg)
65"	1496mm×99mm×892mm	32.8kg±1.5kg	42.5kg±1.5kg (Heavy carton)
75"	1717mm×99mm×1016mm	45kg±1.5kg	56.2kg±1.5kg(Heavy carton)
86"	1963mm×99mm×1154mm	63.7kg±1.5kg	79.5kg±1.5kg (Heavy carton)

K8A Product Specification

K8A	Product Attributes		
Size	65"	75"	86"
Resolution(pixels)	3840×2160(pixels)(UHD)	3840×2160(pixels)(UHD)	3840×2160(pixels)(UHD)
Brightness	400cd/m²	400cd/m²	400cd/m²
Backlight Type	D-LED	D-LED	D-LED
Contrast Ratio	5000:1	5000:1	5000:1
Response Time	8ms	8ms	8ms
Pixel Pitch(mm)	0.3720(H)x0.3720(V)	0.3720(H)x0.3720(V)	0.3720(H)x0.3720(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 A72+A53	Cortex A72+A53	Cortex A72+A53
CPU Core	Quad core A72 + Quad core A53	Quad core A72 + Quad core A53	Quad core A72 + Quad core A53
GPU	Mali G52-MC3	Mali G52-MC3	Mali G52-MC3
RAM+ROM	8GB LPDDR5+128GB	8GB LPDDR5+128GB	8GB LPDDR5+128GB
OS	Android 16.0	Android 16.0	Android 16.0
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	40 Points(max.)	40 Points(max.)	40 Points(max.)
Touch Accuracy	±1mm	±1mm	±1mm
Response Time	≤8ms	≤8ms	≤8ms
Output Mode	HID Standard	HID Standard	HID Standard
Audio Output Power	20W*2	20W*2	20W*2
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)	1496mm × 99mm × 892mm	1717mm × 99mm × 1016mm	1963mm × 99mm × 1154mm
Package Size(W×D×H)	1640mm × 185mm × 1010mm	1860mm × 185mm × 1125mm	2095mm × 185mm × 1265mm
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, Type-C*1, LAN*2, USB2.0*1, USB3.0*1, Touch*1, MIC IN*1, SPDIF*1, RS232 IN*1, AUDIO OUT*1, HDMI OUT*1		
Front Interface	Type-C*1, Public USB3.0*2		

