



K8A Teaching All-in-One Machine



A new benchmark for smart education



K7A Interactive Flat Panel Google EDLA certification

No external devices are required. The large-screen device can achieve seamless collaboration with Google software, and also obtain advanced security protection and extensive application support from the Google Play Store.

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 Play

Get access to your favorite education apps right on the Horion Interactive Flat Panel.



Core services

Google Core Services come preinstalled.

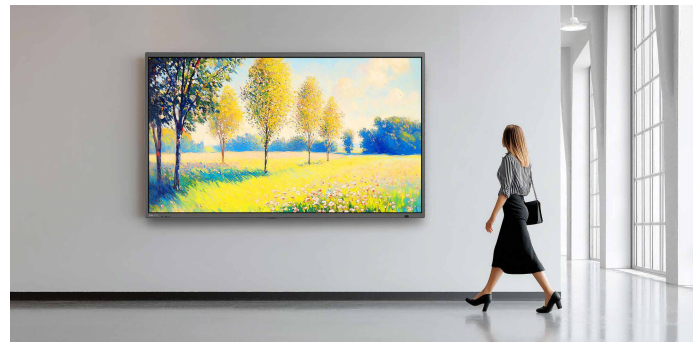


Collaboration tools

Use any of the Google Docs Editors to open lesson files directly from your board

4K Ultra HD Display

4K ultra-high definition screen delivers finer display performance, presenting exceptionally delicate images, texts and videos with vivid visuals that reveal every tiny detail, ensuring crystal-clear viewing from all angles.



3840*2160

4K Resolution

178°

Ultra-wide
View Angle

72%NTSC

Color Gamut

400cd/m²

Brightness



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AG Anti-glare Screen

3.2mm AG anti-glare tempered glass with a service life of 50,000 hours, reliably meeting stringent durability requirements.

3.2mm AG

Anti-Glare Tempered
Glass

50000h

Service Life



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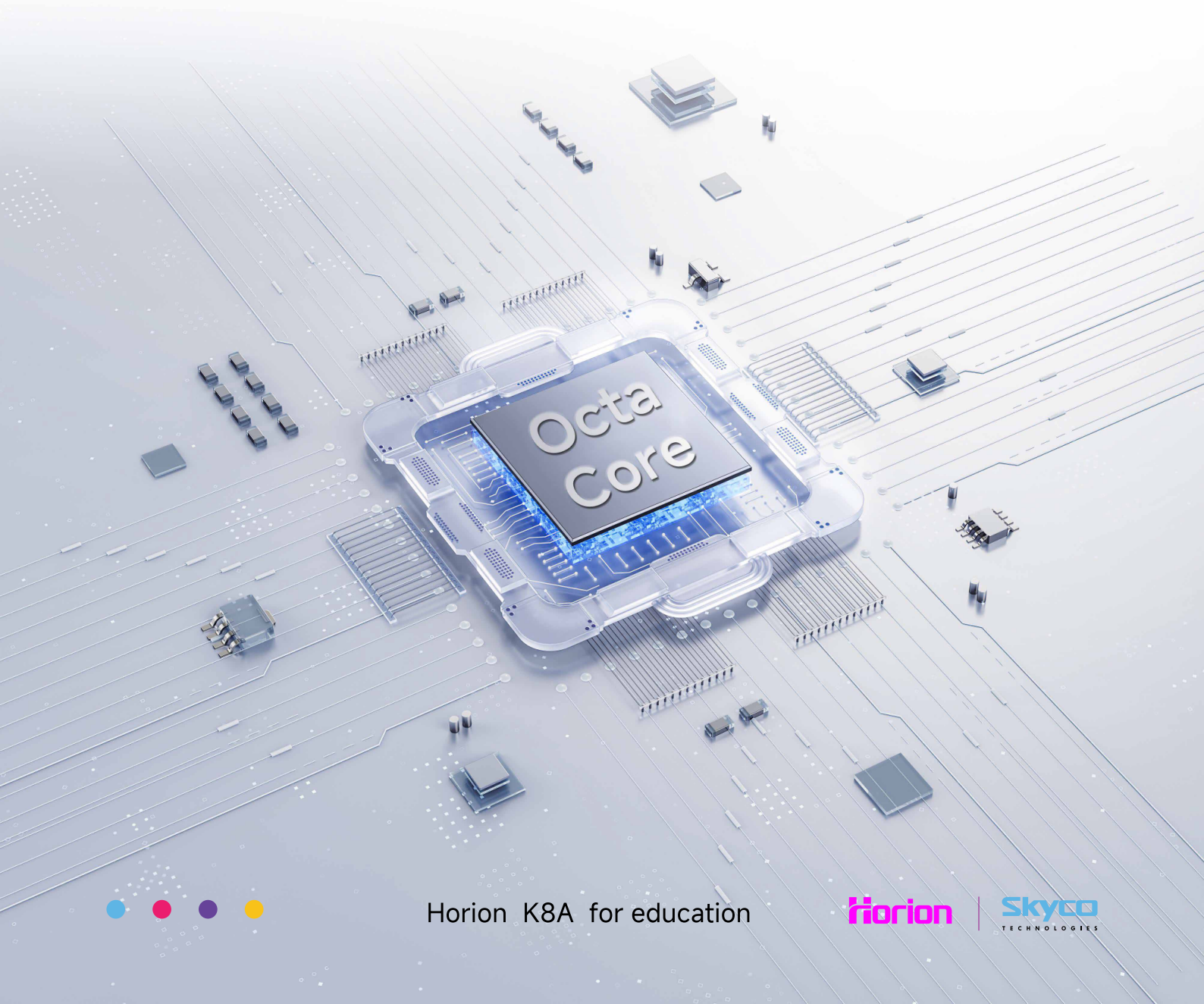
Octa-Core Flagship Processor

Powerful Performance, Unmatched Productivity

Octa-core processor: 4×A72 + 4×A53, up to 2.2GHz

Equipped with flagship-grade processor, it supports H.265, the mainstream global 4K encoding standard with effortless decoding capability.

It handles 4K ultra HD videos and heavy educational software flawlessly, delivering lag-free, instant response at all times.



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Massive 8GB+128GB Storage

Equipped with 8GB RAM + 128GB storage configuration, it delivers lag-free multitasking performance. You can store massive educational files freely, perfectly catering to high-frequency business and teaching scenarios.

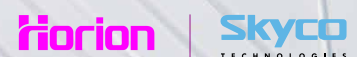
8GB+128GB



8GB+128GB



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Google EDLA Certified

Comes pre-installed with Google ecosystem apps including Google Play Store, Gmail, Google Drive, Google Calendar and Google Meet, and receives real-time security protection under Google's software security policies.

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Powerful Dual System (Optional)

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Dual System (Optional)



Horion OS 7.2
(Android 16.0)



Optional with OPS computer module
(Windows 11)

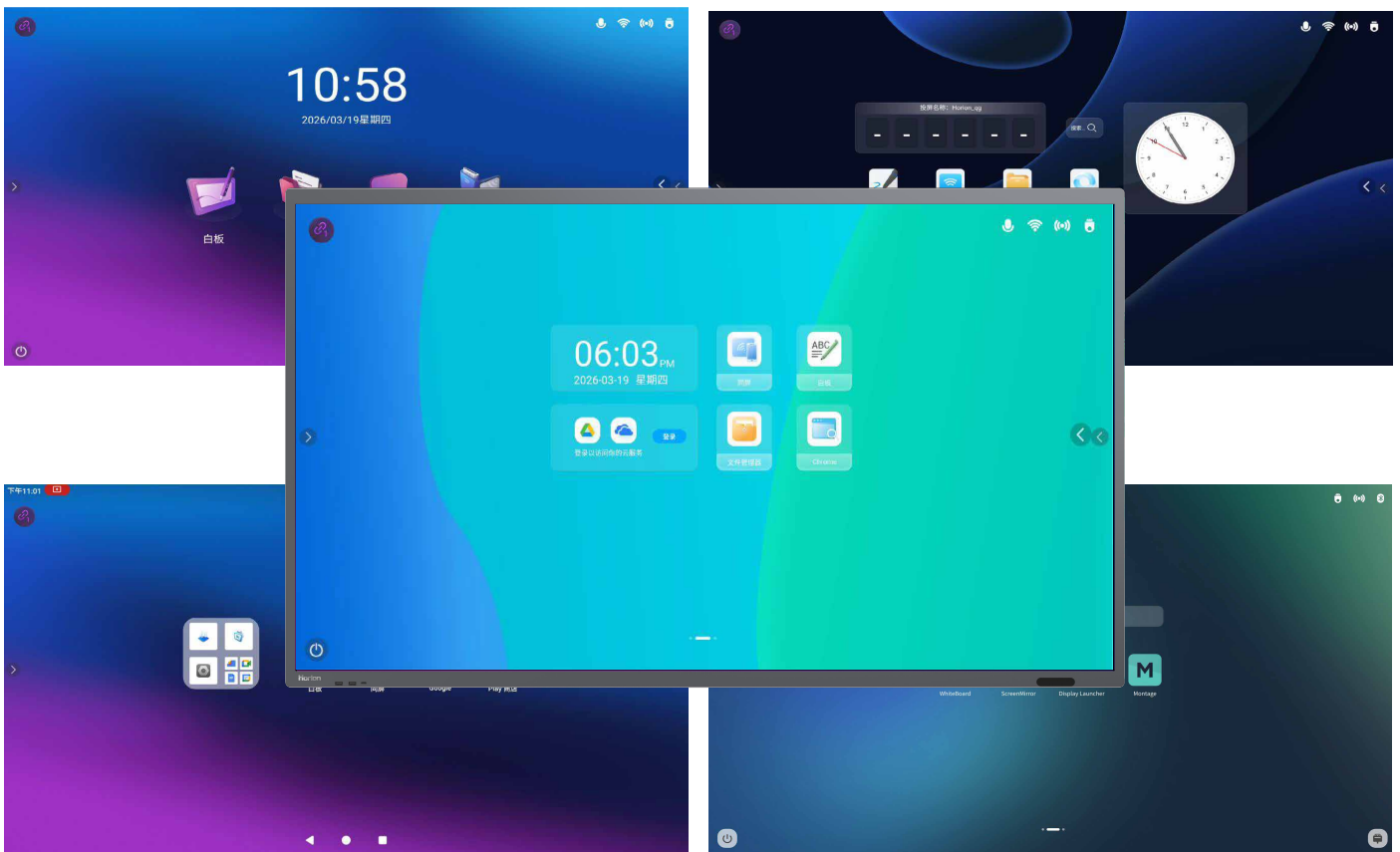


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Main Page Widgets

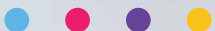
- Customize homepage widgets freely to create your exclusive workspace.
- Switch wallpapers and themes with one tap for a personalized interface.
- Apps launch instantly with lag-free smooth operation.
- Flexible desktop layout combinations to fit various usage scenarios.



High-Precision Infrared Touch Technology

Smooth Writing, Instant Ink Output

It supports 40-point multi-touch with $\pm 1.5\text{mm}$ high precision and an ultra-fast 8ms response time for silky-smooth writing. Full-channel annotation and multi-point writing are available, delivering realistic stroke effects. Free remote collaborative whiteboard function is also provided.



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Smart Whiteboard Writing Functions



Stroke Writing

Two types of brushes available, supporting 10-point touch or realistic stroke writing effects.



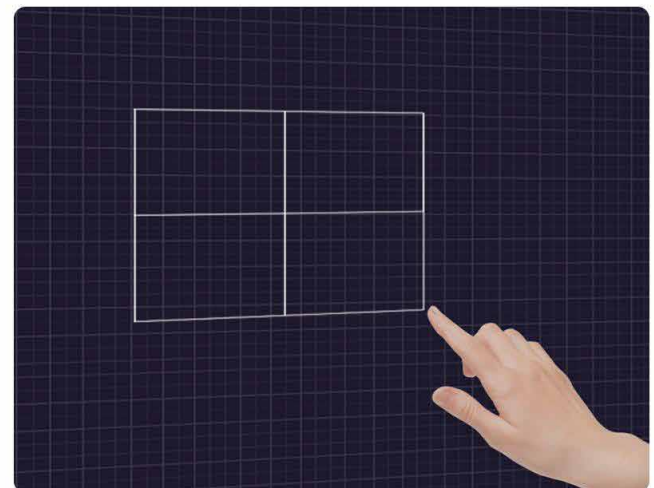
Palm Erase

Erase content directly with the back of your hand.



Handwriting Recognition

Intelligently recognize handwritten text and convert it into Songti or running script fonts.



Smart Table

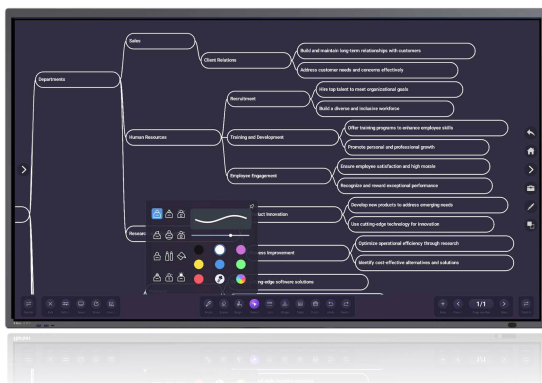
Automatically identify straight lines, circles and other shapes; one-click insert smart tables.



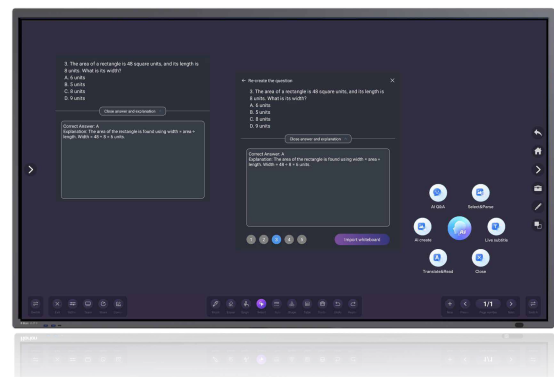
AI Smart Tools

- Mind Map: Automatically organize logical frameworks
- Question Generator: One-click generation of interactive questionnaires
- Intelligent Search: Access real-time information anytime
- Sticky Notes: Quick note-taking with automatic sorting

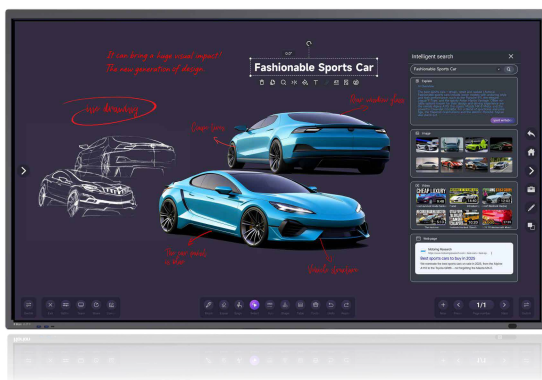
Mind Map



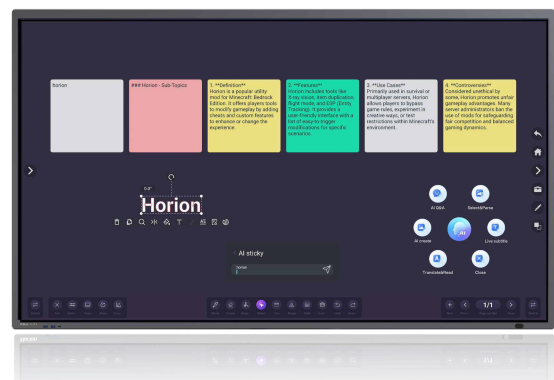
Question Generation



Intelligent Search



Sticky Notes



All Devices, One Big Screen

From small screens to large displays,
seamless compatibility with all devices

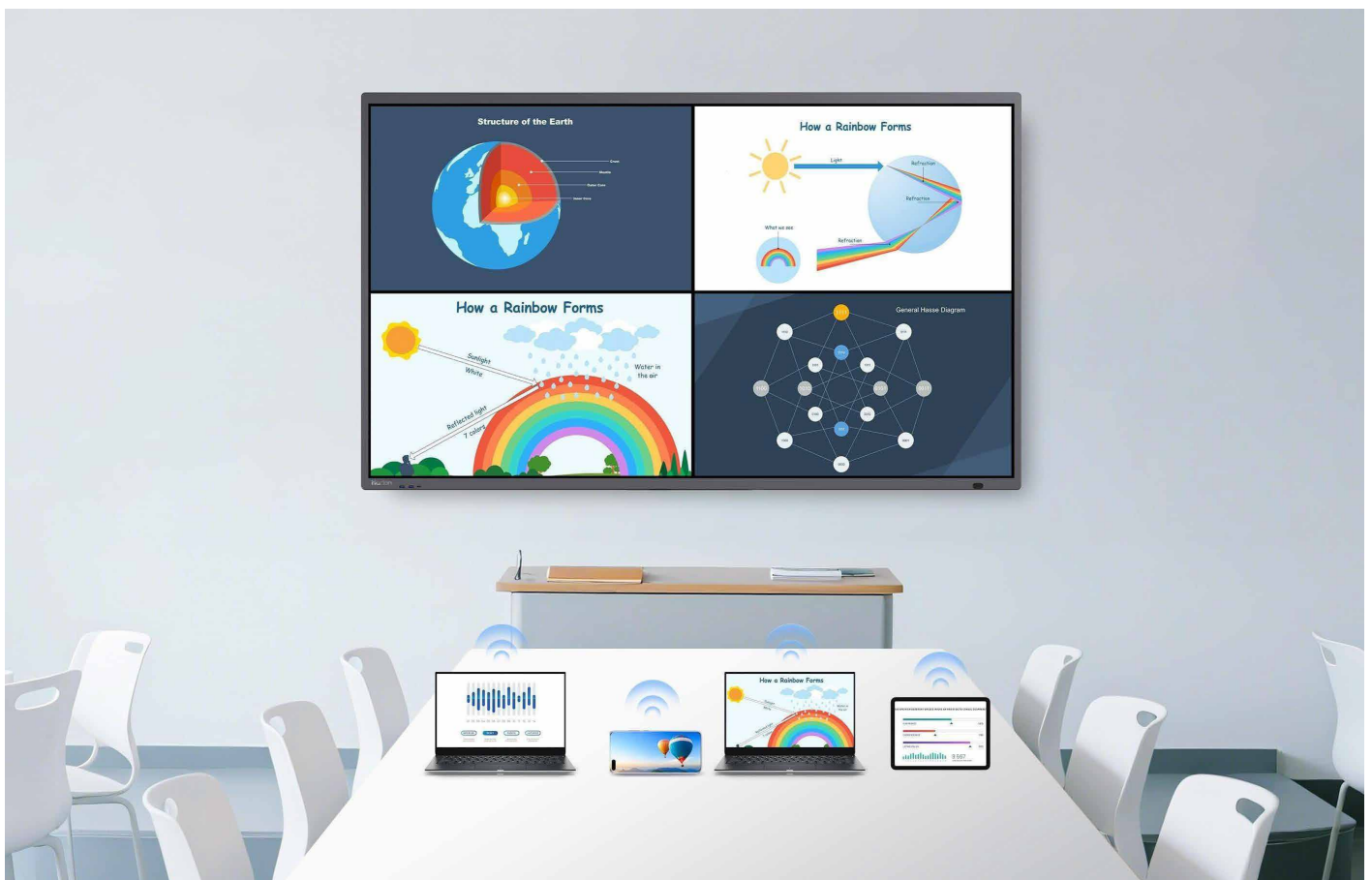
Mainstream Compatible Devices

Android | iOS | macOS | Windows

Full Range of Supported Protocols

Google Cast | Webcast | AirPlay | Miracast

For teaching seminars and document sharing, cast images, videos and documents from small devices to the big screen for group viewing. It enables instant screen mirroring for mobile phones, tablets, laptops and desktops, with one-click synchronized audio and video playback.



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Kshare V3.0 Screen Casting



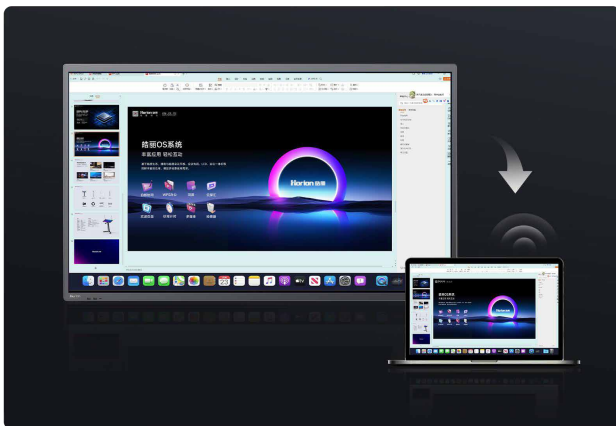
16-Split Screen Display

Perfect for group teaching and discussions, supporting split-screen side-by-side comparison and review.



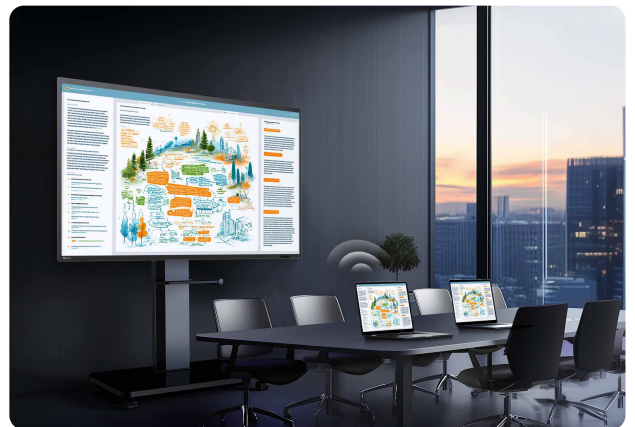
NFC One-Tap Casting

NFC-enabled mobile phones can cast instantly by tapping the NFC sensing area of the panel.



Reverse Touch Control

No need to operate your computer manually; instructors can directly control page turning and annotate files on the interactive display.



File Sharing

Wirelessly send files from the large panel to connected computers.



Dual-Band Dual Wi-Fi

Fast, accurate and stable screen casting

Upgraded dual Wi-Fi module with dual-channel transmission. It supports independent Wi-Fi casting and simultaneous 2.4GHz & 5GHz dual-band operation. You can cast content while browsing the internet at the same time, delivering ultra-fast and steady network performance.



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Screen casting dongle

4K Enterprise-Grade Screen Casting Dongle Crystal-clear text projection

Dual USB & Type-C Ports

Compatible with both new and legacy devices

True 4K Casting

Ultra Crisp Visuals

Paired with enterprise-grade wireless casting dongle, driver-free and wiring-free, it supports True 4K screen casting. It delivers sharp display not only for videos and images, but also for text content.



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Multi-Screen Groups

Multi-display casting for large classrooms

Horion interactive teaching panels support casting content from one device to multiple large screens simultaneously, with compatibility for up to 128 screen groups, perfectly meeting the demands of large-scale teaching and training sessions.



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Remote Whiteboard Collaboration

Brainstorm & Create, Together Anywhere

For off-site teaching scenarios, Horion enables seamless remote team collaboration with shared digital whiteboards. Handwriting strokes from both ends display synchronously and fluidly across locations. PPT sharing is also supported to boost efficient discussions between distant participants.



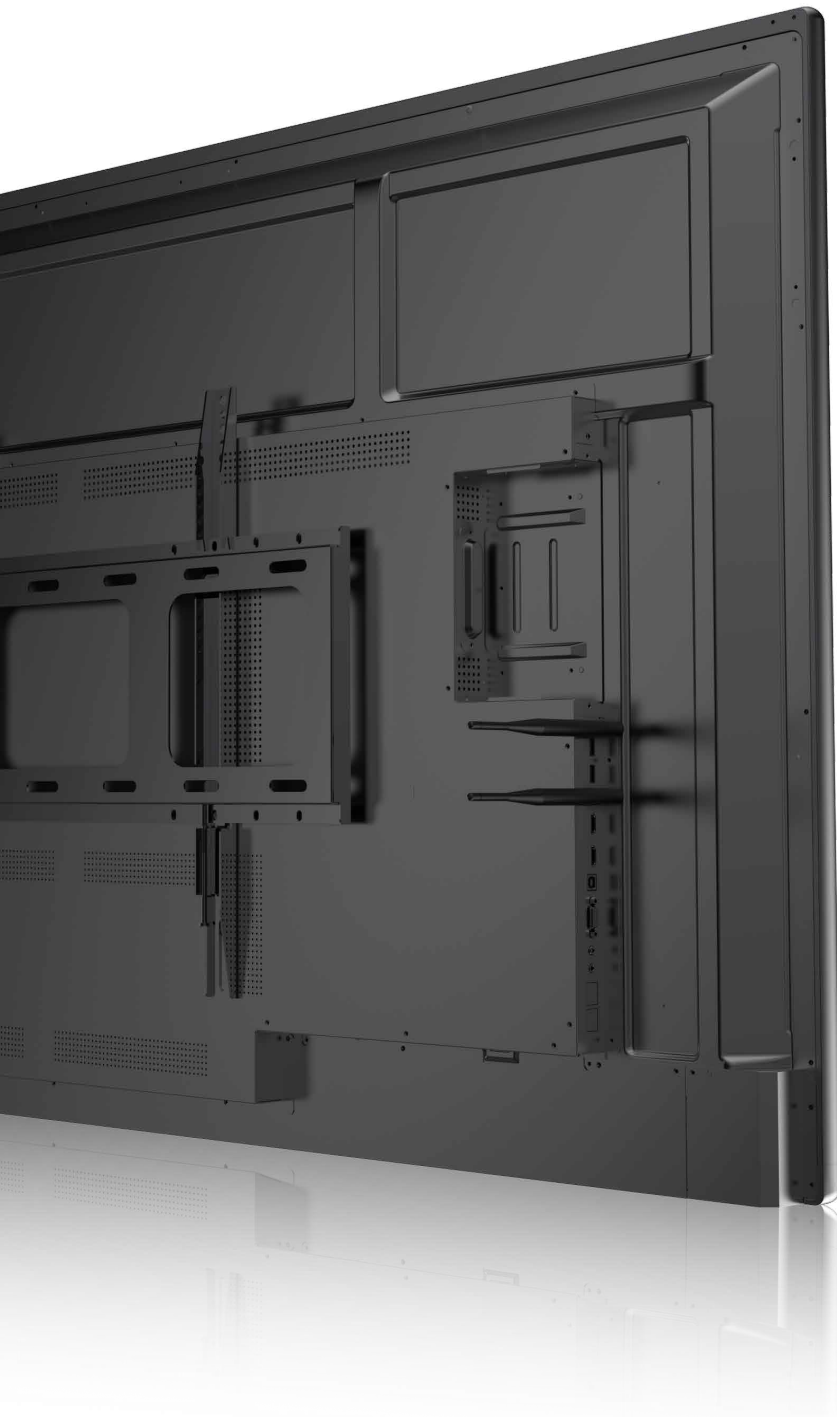
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Multi-functional Ports

65W Type-C + USB HUB

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



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High-Fidelity Audio System

Equipped with professional digital power amplifier and independent treble, midrange and bass speaker units. Tuned in Horion's global audio lab, it delivers immersive sound with wide frequency range, balanced audio response, strong dynamic performance and true high-fidelity reproduction.

2×20W Speakers



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Great Performance, Great Looks

Outstanding Performance, Stunning Appearance

Adopting unique gunmetal ultra-narrow metal bezel combined with zero-lamination technology, the 4K ultra HD display delivers immersive borderless visuals.



Zero-lamination
technology



Nationally patented
stand design



Aluminum alloy body



Humanized storage tray



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Two Installation Options



Mobile Stand



Wall Mount



Accessory Options

Standard Accessories:

- 2 × HW-5 dual-tip single-magnet styluses
- 1 × remote control
- 1 × wall mount bracket, 8 × expansion bolts
- 1 × user manual, 1 × warranty card
- 3 × 3m power cords (UK, US, EU plugs)

Optional Accessories:



Smart stylus
(with receiver module)



Screen casting dongle
(HT-6A / HT-6NA)



OPS Modules
I5-12450H, I7-13620H



Omni-directional
microphone: HM-5U



Cameras
HC-5M, HC-5E

Mobile stand HK76G2
(for 65–86 inch panels)



Size Selection



Product Specifications			
Size	Bare Unit Dimensions (L × W × H, mm)	Net Weight (kg)	Gross Weight (kg)
55"	1289.5mm×92.6mm×781.6mm	31kg±1.5kg	39.8kg±1.5kg (Heavy carton)
65"	1494.7mm×87.1mm×891mm	40kg±1.5kg	49kg±1.5kg(Heavy carton)
75"	1722.5mm×87.1mm×1022.2mm	54.6kg±1.5kg	65.2kg±1.5kg (Heavy carton)

