



HUAWEI IdeaHub Board 2

Bring Digital to Every Classroom for Interactive Teaching and Immersive Learning



TÜV Rheinland Low Blue Light (Hardware Solution) Certification

TÜV Rheinland Eye Comfort Certification



Product Highlights



4K soft light screen for better eye care

- 4K HD display with optical anti-blue light
- 1.07 billion colors for natural display
- Anti-glare (AG) screen with adaptive brightness adjustment



Convenient projection, easy to use

- Dual Wi-Fi design for anti-interference
- Various projection methods, including using the projection code, or through HDMI and Type-C ports
- Reverse control allows users to turn pages and annotate using the large screen



25 ms low latency for smooth writing

- Sensitive stylus tip specially designed for teaching
- Co-authoring and various scanning methods for whiteboard content takeaway



Multiple interfaces for flexible connection

- Type-C and USB 3.0 are available on the front panel for easy projection and copying



One-tap system switchover

- Android and Windows system switchover in just one tap
- Embedded OPS for app compatibility, ensuring availability

Application Scenarios



Digital Classroom

Innovative teaching tools for students' eye comfort

Hybrid Learning

Learn on demand anytime, anywhere



Collaborative Classroom

Flexible layout for multi-screen interaction

Note: Courseware resources are provided by Huawei partners.

Specifications



Jade White

Product name	Model	Net weight	Gross weight
IdeaHub Board 2	IHB2-65SU IHB2-75SU IHB2-86SU	65": 35.0 kg 75": 47.0 kg 86": 62.0 kg	65": 42.5 kg 75": 57.0 kg 86": 73.5 kg
Product dimensions (W x H x D)	Package dimensions (W x H x D)		
65": 1484.5 mm x 892.5 mm x 91.6 mm 75": 1705.7 mm x 1016.9 mm x 91.8 mm 86": 1953.0 mm x 1157.0 mm x 91.8 mm	65": 1650 mm x 1050 mm x 220 mm 75": 1900 mm x 1170 mm x 220 mm 86": 2090 mm x 1300 mm x 250 mm		

Components

Device 1	Stylus pens 2	Cables 1xPower cable	OPS Optional (i5/i7)
Rolling stand Optional	Wall-mounted bracket* Optional	IdeaHub Controller Optional	

Note: VESA mounting sizes are M8 x 25 mm (600 mm x 400 mm for 65", 800 mm x 400 mm for 75"/86")

Screen

Resolution UHD 4K (3840 x 2160)	Backlight type D-LED	Screen lamination Zero-gap bonding	Optical anti-blue light Supported
Adaptive brightness Supported	Anti-glare Supported	TÜV Rheinland Low Blue Light (HardwareSolution) Certification √	TÜV Rheinland Eye Comfort Certification √

Writing

Writing latency ≤ 25 ms	Precision ± 1 mm	Whiteboard saving mode QR code scanning/Email/Local disk/USB flash drive
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Projection

Wireless projection effect Up to 4K30	Wired projection effect 4K60	Annotation during projection Supported	Reverse control Supported
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Wireless Connection

Dual Wi-Fi module √	Wi-Fi frequency 2.4 GHz/5 GHz
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Speaker

Frequency domain 100 Hz to 20 kHz	Number of units 4	Stereo sound Supported
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System

CPU 4-core	RAM 4 GB	Flash 32 GB	OS Android 9.0; Windows 10 (OPS required)
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Ports

Front-panel ports USB Type-C x 1 USB Type-A 3.0 x 2	Side-panel ports USB Type-A 3.0 x 1 USB Type-B x 1 HDMI (input) x 2	HDMI (output) x 1 COM port x 1 RJ45 network port x 1	80-pin OPS port x 1 3.5 mm (line-in) x 1 3.5 mm (line-out) x 1
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The updates are described in the latest release notes or introduction in detail.
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