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

Product name	**Model**	**Net weight**	**Gross weight**
IdeaHub Board 2	IHB2-65SU	65": 35.0 kg	65": 42.5 kg
	IHB2-75SU	75": 47.0 kg	75": 57.0 kg
	IHB2-86SU	86": 62.0 kg	86": 73.5 kg

Jade White

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	65": 1650 mm x 1050 mm x 220 mm
75": 1705.7 mm x 1016.9 mm x 91.8 mm	75": 1900 mm x 1170 mm x 220 mm
86": 1953.0 mm x 1157.0 mm x 91.8 mm	86": 2090 mm x 1300 mm x 250 mm

Components

Device	**Stylus pens**	**Cables**	**OPS**
1	2	1xPower cable	Optional (i5/i7)

Rolling stand	**Wall-mounted bracket***	**IdeaHub Controller**	
Optional	Optional	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	**Backlight type**	**Screen lamination**	**Optical anti-blue light**
UHD 4K (3840 x 2160)	D-LED	Zero-gap bonding	Supported

Adaptive brightness	**Anti-glare**	**TÜV Rheinland Low Blue Light (HardwareSolution) Certification**	**TÜV Rheinland Eye Comfort Certification**
Supported	Supported	√	√

Writing

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

Projection

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

Wireless Connection

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

Speaker

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

System

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

Ports

Front-panel ports	**Side-panel ports**		
USB Type-C x 1	USB Type-A 3.0 x 1	HDMI (output) x 1	80-pin OPS port x 1
USB Type-A 3.0 x 2	USB Type-B x 1	COM port x 1	3.5 mm (line-in) x 1
	HDMI (input) x 2	RJ45 network port x 1	3.5 mm (line-out) x 1

Disclaimer

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The updates are described in the latest release notes or introduction in detail.

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