

HUAWEI IdeaHub Board 3 Base

Reshaping the Future of Work and Learning Through Intelligence

Seamless collaboration | Ultimate experience | Security and health

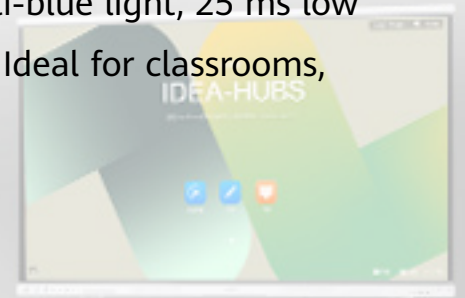


HUAWEI IdeaHub Board 3 Base

This product features a 4K soft-light screen with optical anti-blue light, 25 ms low latency, Wi-Fi Direct projection, and extensive applications. Ideal for classrooms, meeting rooms, training rooms and open discussion areas.



TÜV Rheinland Low Blue Light (Hardware Solution) Certification



4K soft light screen

4K display, rich visuals
Optical anti-blue light with zero color cast



Bezel-less, for ultimate immersion

Seamless zero bonding
Aerospace-grade nano coating



Various ports for flexible connection

Type-C/Type-A ports
for plug-and-play of various peripherals

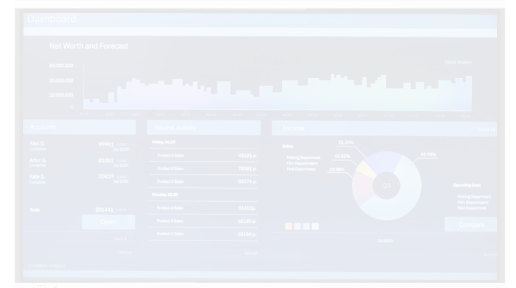


Dual-system one-tap switchover

Dual systems with OPS installed
Android + Windows

Upgraded Performance

- 8-core CPU, powerful and efficient
- Wi-Fi 6 dual-band channel for seamless 4K content sharing
- 25 ms writing latency, smooth handwriting
- Rich interfaces, and Type-C support for 65 W charging



Seamless Collaboration

Seamless Wi-Fi Direct projection, easy to use

Simply enable Wi-Fi on your IdeaHub and PC/mobile phone to initiate a 4K projection through the IdeaShare app. No password or network connection is needed, thanks to the innovative Wi-Fi Direct projection technology.

Tailored projection solutions for every conceivable scenario¹



IdeaShare app²



IdeaShare Key
(Type-C/Type-A)



Type-C/HDMI
cable

Seamless screen mirroring and control for a smarter office³

The IdeaHub screen can be mirrored to your phone or tablet, letting you use your device as a controller.

4 Devices interconnected

0.1s E2E low latency

4Types⁴ Permission control

[1] You can control your personal device on the IdeaHub after projection via Type-C/HDMI wired projection, IdeaShare Key, or IdeaShare app. Different devices have different hardware capabilities.

[2] The IdeaShare app's projection code suggestion feature is compatible with HarmonyOS, Android, and Windows.

[3] To use the mirroring and control function, the IdeaShare app must be installed on the projection source device.

[4] 4 types means 1.Host 2.Screen projection permission 3.Mirror control permission 4.Disconnect link

Ultimate Experience

Smoother and smarter handwriting



25 ms writing latency

AI handwriting prediction algorithm for a smooth writing experience



Intelligent writing

Intelligent recognition of text, and shapes



Feels so write

Switch colors, line thickness and more as you doodle away on screen



Whiteboard favorites

Save frequently used content to whiteboard favorites with just a tap



Image insertion

Add screenshots to the whiteboard with just a tap in Multi-Window mode



Content saving

Scan the QR code to save whiteboard content right away¹

Comprehensive, intelligent O&M

The IdeaManager device management platform remotely manages and controls multiple IdeaHubs.



Remote management

Remote setting of the shutdown time in batches
Remote OTA update in batches



Quick fault rectification

Inspection and fault alarm
Self-service diagnosis of typical faults



[1] The Whiteboard QR code sharing function can only be used after the IdeaHub is activated on the IdeaManager platform.

Specifications



Product name

IdeaHub Board 3 Base

Model

65": IHB3-65AA

86": IHB3-86AA

Dimensions (H x W x D) (mm)

65": 908.0mm x 1484.5mm x 90mm

86": 1172.3mm x 1953.0mm x 90mm

Package dimensions (H x W x D)

65": 1014mm x 1620mm x 210mm

86": 1275mm x 2090mm x 215mm

Net weight/Gross weight

65": 36.7 kg; 45.5 kg

86": 59.7 kg; 73.0 kg

Note: The dimensions and weight may vary with configuration, manufacturing process, and measurement method.

Components

Entire device

1

Stylus pen

2

Cable

1 x power cable

OPS A

1

IdeaShare Key

Optional (Type-C/Type-A port)

Rolling stand

Optional

Wall-mounted bracket

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

4K

Backlight type

D-LED

Screen lamination

Zero bonding

Color gamut

72% NTSC

Speaker

Frequency domain

90 Hz to 20 kHz

Maximum power consumption

60 W

Audio channel

≥ 2.1 channels

Quantity

2 x (tweeter + full-range unit) + 1 x woofer

Wireless connection

Dual-Wi-Fi module

Wi-Fi 5 + Wi-Fi 6(OPS)

Frequency

2.4 GHz + 5 GHz

Bluetooth

Bluetooth5.3

System

CPU

8 cores

RAM

8 GB

Flash

128 GB*

OS

Android 15.0 and Windows (OPS required)

Writing

Writing latency

25 ms

Content saving

QR code scanning/Email/
Local storage/USB flash drive

Touch sensing distance

2 mm

Intelligent writing recognition

Supported

Projection

Projection mode

IdeaShare app, HDMI,
Type-C, Projector

Wi-Fi Direct projection

Supported

Mirror & control

Supported

Reverse control

Supported

Ports

Front ports

USB-A 3.0 x 2

USB-B 2.0 x 1

HDMI-IN

Type-C x 1 (supporting 65 W charging)

Side ports

USB 2.0 x 1

COM port x 1

3.5mm Line-in x 1

3.5mm Line-out x 1

OPS ports

USB-A 3.0 x 3

RJ45 IN x 1

USB-A 2.0 x 1

RJ45 OUT x 1

HDMI IN x 1

HDMI OUT x 1

Type-C x 1

Meeting (External camera and mic required)

Meeting app

Third-party meeting apps

BYOM

Supported in H2 2026

Note: *The actual available storage will be less than stated as pre-installed software takes up a certain amount of space.

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Revision date: March 2026



Huawei Intelligent
Collaboration official website