

# HUAWEI IdeaHub B3

## New Style **Smart Office**

BYOM | AI-powered communication | Smart office collaboration



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



IdeaHub B3 supports a vast array of features, including 1080p HD cloud meeting, Bring Your Own Meeting (BYOM), Wi-Fi 6 for direct projection, and 16 ms writing latency – serving as the versatile conferencing and display endpoint for today's modern office.



Notes: Data source: national procurement information website



## All-in-One Design

-  8-core dual-engine drive
-  4K soft light screen with optical anti-blue light
-  Streamlined body, slimmed down bezels
-  Rich ports for flexible expansion



Notes: \* Product pictures and display content in this document are for reference only. Actual product specifications and display content (including but not limited to backgrounds, interfaces, and illustrations) may vary.



# BYOM

Transfer a video meeting from your PC to enjoy immersive multi-sensory meetings, made possible by IdeaHub's camera, mic, and speaker systems.

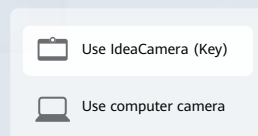
- No apps or OPS
- Brainstorm with colleagues across the globe at any time without having to download any other apps.
- Supports mainstream cloud meeting apps, like Webex, Zoom, etc.
- Supports BYOM via the Type-C cable, IdeaShare app, or IdeaShare Key (Type-C).

## Native HD Cloud Meeting



**OPS-free 1080p cloud meeting**

1080p native Huawei Cloud Meeting



# AI-powered Communication

### Auto-Framing

Golden ratio layout and distortion corrections are supported.

### Speaker tracking

Intelligent sound source localization, keeping the speaker in the center position.

### Two-person conversation

Two speakers are displayed at the same time.



### Professional-grade 4K camera

Glass-plastic hybrid lens built to withstand high temperatures

Silky smooth video over the long haul



### Acoustic engine 2.0

Immersive 3D surround sound field

Conference audio as you've never heard it



### 6-microphone array

DNN-based de-reverberation, 10 m sound pickup

Sound clear from far away



# Smart Office Collaboration

## Smoother and Smarter Handwriting



### 16 ms ultra-low writing latency

Writing on a digital screen has never been so smooth, thanks to a cutting-edge AI handwriting prediction algorithm



### Handwriting recognition

Convert your handwriting and sketches into digital forms<sup>1</sup>



### Feels so write

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



### Collaborative creation

Write on the whiteboard along with a colleague



### Image insertion

Add screenshots to the whiteboard with just a tap in Multi-Window mode<sup>2</sup>



### Content saving

Scan the QR code to save whiteboard content right away<sup>3</sup>

Notes: 1. The intelligent writing recognition function supports recognition of Chinese, English, and 11 types of graphics.

2. In Multi-Window mode, you can tap **Annotation** on the tool bar and insert screenshots on the whiteboard.

3. Content saving is supported on a number of different platforms, including WeChat, Huawei Cloud Meeting, WeLink, and web browsers.

## Wireless Projection

### Wi-Fi 6 for direct projection, no network connection needed

Network not available? Password giving you pain? Just enable Wi-Fi on your IdeaHub and PC/mobile phone, and the IdeaShare app will automatically initiate a 4K projection, thanks to the innovative Wi-Fi direct projection technology.

### Tailored projection solutions for every conceivable scenario\*



#### Daily office work

IdeaShare app, which auto-populates the projection code once you enter the first letter<sup>1</sup>



#### Seamless HarmonyOS support

Wireless projection from the drop-down menu or via NFC on a Huawei phone or tablet



#### Client communications

IdeaShare Key (Type-C), with no network connection or installation required<sup>2</sup>



#### Important occasions

Ultra-smooth HD image, with Type-C cable projection

Notes: 1. The IdeaShare app supports auto-population of projection code in HarmonyOS, Android, and Windows.

2. The Type-C port adapts to HarmonyOS, Android, iOS, Windows, and macOS.

\* You can reversely control your personal device on the IdeaHub after projection via Type-C/HDMI cable, IdeaShare Key, or the IdeaShare app. Hardware capabilities on the mobile phone or PC may vary, and the actual experience shall prevail.

## Multi-Window for Efficient Multitasking

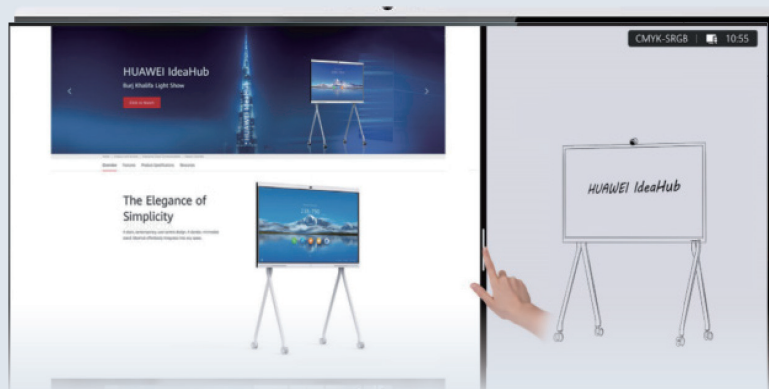


Collaborative discussion: one screen displays two apps



Adjustable window ratio for a flexible layout

Three aspect ratios (1:1, 1:2, and 2:1) are supported.



## App Multiplier: Massive Apps to Fit Your Needs

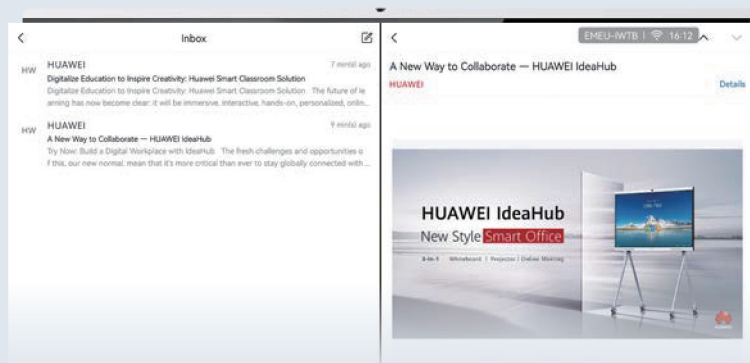


One app can be displayed in dual windows

Seamless app browsing and switching

Navigation page

Details page



# Security O&M

## 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



### Precise operations

- Device usage
- Startup animation and bulletin board pushing



## Enterprise-level information security

CC EAL5+ high-level security certification for global commercial systems



### Access control

- Controllable interface permissions
- Refined permission granularity



### Security control

- Separate storage of sensitive data
- Randomized distribution of kernel address space



### Operation audit

- Traceable access records





## Application Scenarios



### Regular meeting room

Local workshop, remote meeting, and executive meeting

HD cloud meeting | Dual Wi-Fi projection | Bidirectional collaboration



### Open area

Regular meeting, instant discussion, and team-building meeting

Ultra-low writing latency | Multi-gesture erasure | QR code scanning for content takeaway



### Executive office

Business reporting, remote interview, and daily office

Privacy protection | IdeaHub Controller



### Exhibition and demonstration

Corporate culture display, welcome board, and activity promotions

4K display | HiBoard | Bulletin board

## Technical Specifications



Product name	Model		
IdeaHub B3	65": IHB3-65SA 75": IHB3-75SA 86": IHB3-86SA		
Product dimensions (H x W x D)	Package dimensions (H x W x D)	Net weight/Gross weight	
65": 916.1 mm x 1484.5 mm x 91.6 mm 75": 1040.5 mm x 1705.7 mm x 91.8 mm 86": 1180.6 mm x 1953.0 mm x 91.8 mm	65": 1050 mm x 1650 mm x 220 mm 75": 1170 mm x 1900 mm x 220 mm 86": 1300 mm x 2090 mm x 250 mm	65": 35.5 kg/43.0 kg 75": 47.8 kg/57.8 kg 86": 63.0 kg/74.5 kg	

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

### Component

Device	Stylus pen	Cable	OPS
1	2	1 x power cable	Optional

IdeaShare Key	Rolling stand	Wall-mounted bracket
Optional (Type-C/Type-A port)	Optional (65", 75", and 86")	Optional (65", 75", and 86")

### Screen

Resolution	Backlight type	Screen lamination	Color gamut
4K	D-LED	Zero-gap bonding	85% NTSC

### Camera

Zoom	Max. angle of view	Resolution	TV distortion	Intelligent tracking
2x digital zoom	Pan: 80°/Tilt: 50°	4K	< 2%	Supported

### Speaker

Frequency domain	Quantity	Maximum power
100 Hz to 20 kHz	4	30 W

### Microphone

Sound pickup angle	Quantity	Sound pickup distance
180°	6	10 m

### Wireless connection

Wi-Fi 6	Frequency	NFC
supported	2.4 GHz + 5 GHz	Supported

### System

CPU	RAM	Flash	OS	Language
8 cores	8 GB	64 GB*	HarmonyOS and Windows (OPS required)	Chinese, English, French, Japanese, Spanish, Russian, Portuguese, and Italian

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

### Meeting

Supported meeting apps	Meeting performance	BYOM
Native meeting apps: Huawei Cloud Meeting SmartRooms	Native meeting: 1080p@30 fps video	Supported

### Writing

Writing latency	Whiteboard saving mode	Intelligent writing recognition	Touch sensing distance
16 ms	QR code scanning/Email/Local storage/USB flash drive	Supported	1.5 mm



### Port

Front-panel ports	Side-panel ports			
1 x Type-C	1 x USB 3.0	1 x HDMI OUT	1 x 3.5 mm Line-out	1 x RJ45
2 x USB 3.0	2 x HDMI IN	1 x COM port	1 x 3.5 mm Line-in	(10/100/1000 Mbit/s LAN)

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Huawei Intelligent Collaboration  
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