

HUAWEI IdeaHub B3

New Style Smart Office

BYOM | AI-powered communication | Smart office collaboration



HUAWEI IdeaHub B3

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



TÜV Rheinland Low Blue Light (Hardware Solution) Certification

TÜV Rheinland Eye Comfort Certification

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



Use IdeaCamera (Key)



Use computer camera

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 forms¹



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 mode²



Content saving

Scan the QR code to save whiteboard content right away³

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 letter¹



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 required²



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

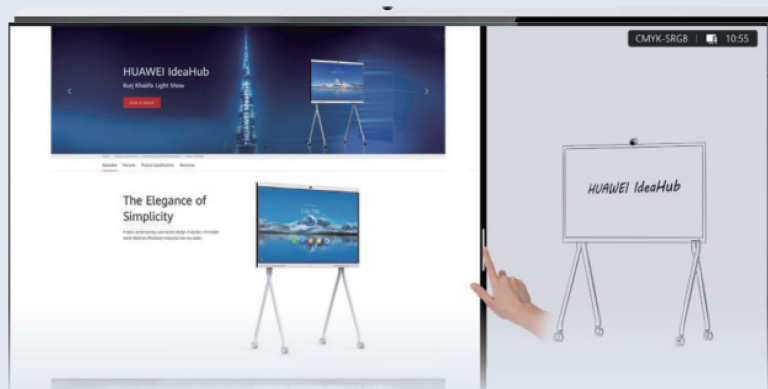


Collaborative discussion: one screen displays two apps



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

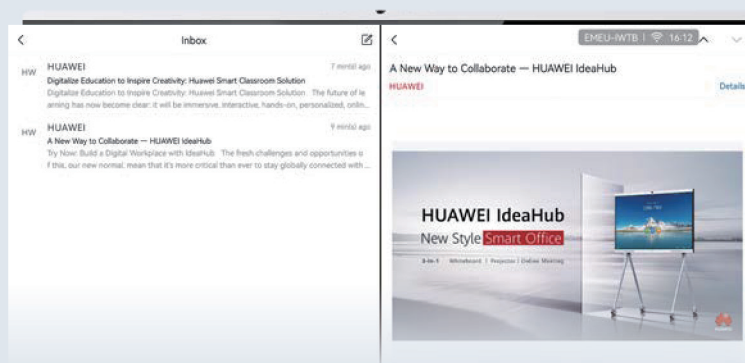


One app can be displayed in dual windows

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



Access control

Controllable interface permissions
Refined permission granularity



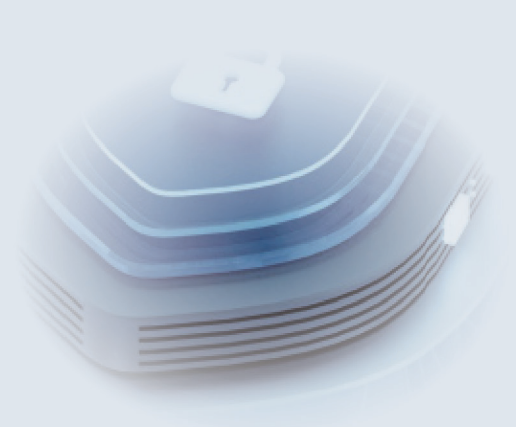
Security control

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

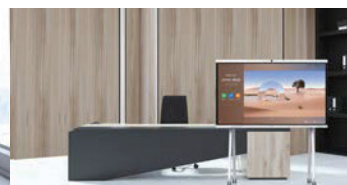
Ultra-low writing latency | Multi-gesture erasure | QR code scanning for content takeaway



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

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

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

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

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

System
CPU
8 cores
RAM
8 GB
Flash
64 GB*
OS
HarmonyOS and Windows (OPS required)
Language
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
Native meeting apps: Huawei Cloud Meeting SmartRooms
Meeting performance
Native meeting: 1080p@30 fps video
BYOM
Supported

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

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

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Huawei Intelligent Collaboration
official account