HUAWEI eKit

HUAWEI IdeaHub Board 3 Pro

Reimagine Your Smart Workplaces

Seamless collaboration | Ultimate experience | Security and health



Together for Growth, All Intelligence

HUAWEI

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IdeaHub Board 3 Pro



This product features a 4K soft-light screen with optical anti-blue light, 16 ms low latency, Wi-Fi Direct projection, and extensive applications. Ideal for meeting rooms, open discussion areas, and training rooms, it supports a seamless, lightweight digital office experience.

TÜV Rheinland Low Blue Light (Hardware Solution) Certification
TÜV Rheinland Eye Comfort 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

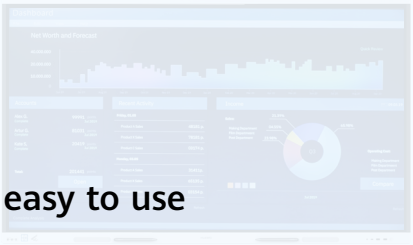
Various ports for flexible connection

NFC/Type-C/Type-A ports on the front panel
For plug-and-play of various peripherals

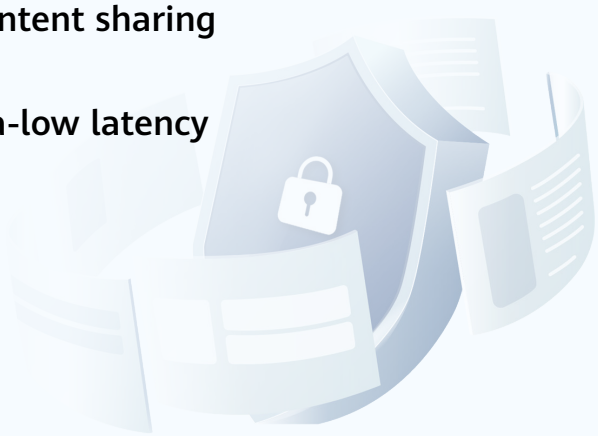
Dual-system one-tap switchover

Dual systems with OPS installed
HarmonyOS + Windows

Upgraded Performance



- 8-core CPU, powerful and efficient
- Upgraded HarmonyOS, open, intelligent, and easy to use
- Wi-Fi 6 dual-band channel for seamless 4K content sharing
- Smooth handwriting boasting and 16 ms ultra-low latency



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, or use the drop-down menu or NFC on HarmonyOS phones. No password or network connection is needed, thanks to the innovative Wi-Fi Direct projection technology.

Tailored projection solutions for every conceivable scenario[1]

IdeaShare app[2]

Seamless HarmonyOS support

IdeaShare Key (Type-C/Type-A)

Type-C/HDMI cable

Miracast projection[3]

Seamless screen mirroring and control for a smarter office[4]

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

IdeaHub Screen Interaction Doubles the Efficiency of Discussion[5]

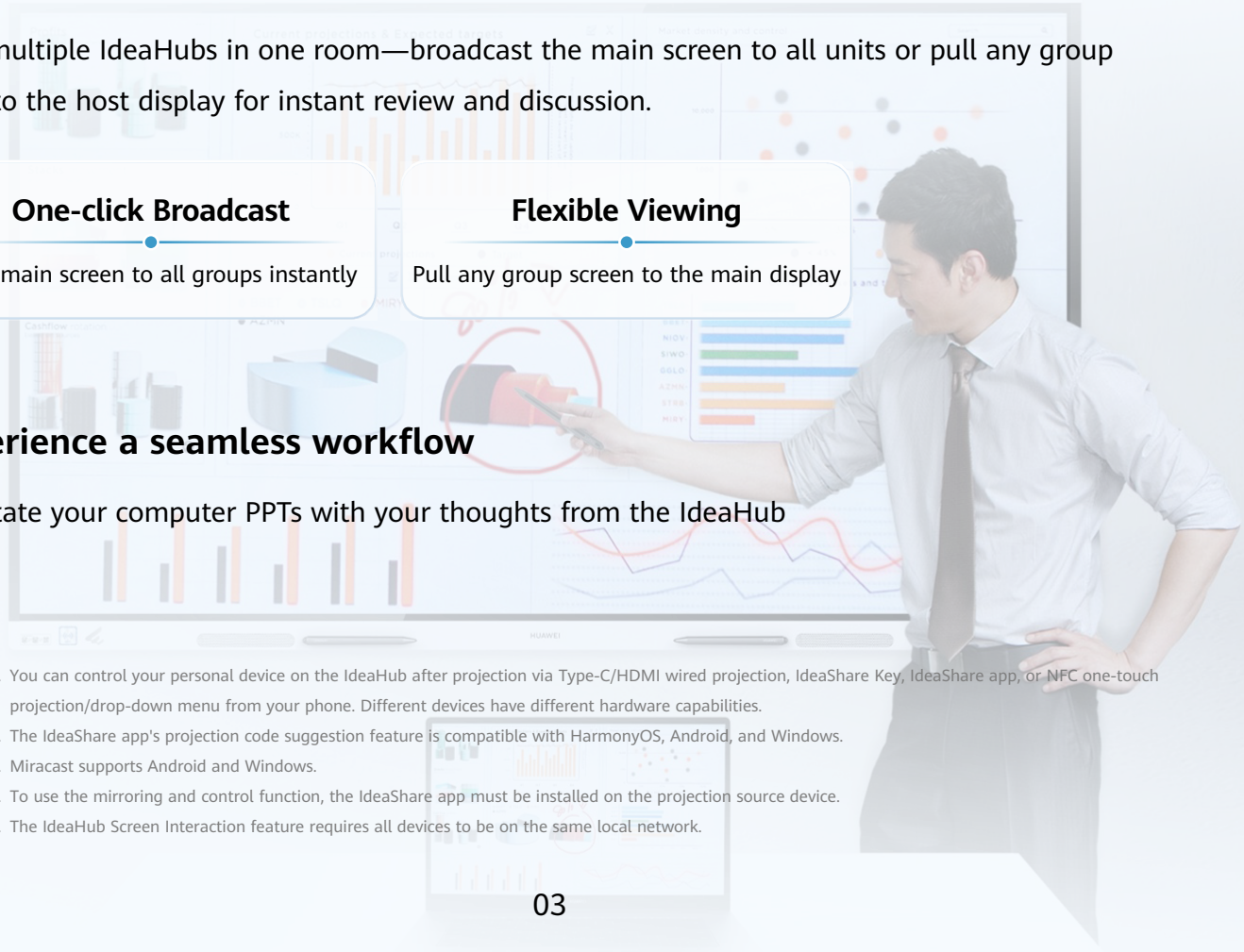
Link multiple IdeaHubs in one room—broadcast the main screen to all units or pull any group view to the host display for instant review and discussion.

One-click Broadcast

Push main screen to all groups instantly

Flexible Viewing

Pull any group screen to the main display



Experience a seamless workflow

Annotate your computer PPTs with your thoughts from the IdeaHub

Notes:
1. You can control your personal device on the IdeaHub after projection via Type-C/HDMI wired projection, IdeaShare Key, IdeaShare app, or NFC one-touch projection/drop-down menu from your phone. Different devices have different hardware capabilities.
2. The IdeaShare app's projection code suggestion feature is compatible with HarmonyOS, Android, and Windows.
3. Miracast supports Android and Windows.
4. To use the mirroring and control function, the IdeaShare app must be installed on the projection source device.
5. The IdeaHub Screen Interaction feature requires all devices to be on the same local network.

Ultimate Experience

Smoother and smarter handwriting

16 ms ultra-low writing latency

Intelligent handwriting prediction algorithm for a smooth writing experience

Intelligent writing

Intelligent recognition of Chinese, English, 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[6]

Intelligent Generation

Auto-generate mind maps and notes to visualize ideas[7]

Native HD cloud meeting[8]

OPS-free 1080p cloud meeting 1080p native Huawei Cloud Meeting.

Dynamic bulletin board

- Unified management and scheduled push of activity advertisements and accurate to organizations and regions.
- Supports one-click push of promotional images and videos for full-screen display.



Notes: 6. In Multi-Window mode, you can tap Annotation from the toolbar to take a screenshot and add it to the whiteboard.
7. Requires activation on cloud IdeaManager and separate Intelligent model account configuration.
8. The video meeting function requires an external camera.

Security and Health



Enhanced security with password-based screen lock

- Guard against accidental misoperations and malware intrusions.
- Prevent the leakage of corporate privacy and data.

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

Comprehensive, Intelligent O&M

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

Remote management

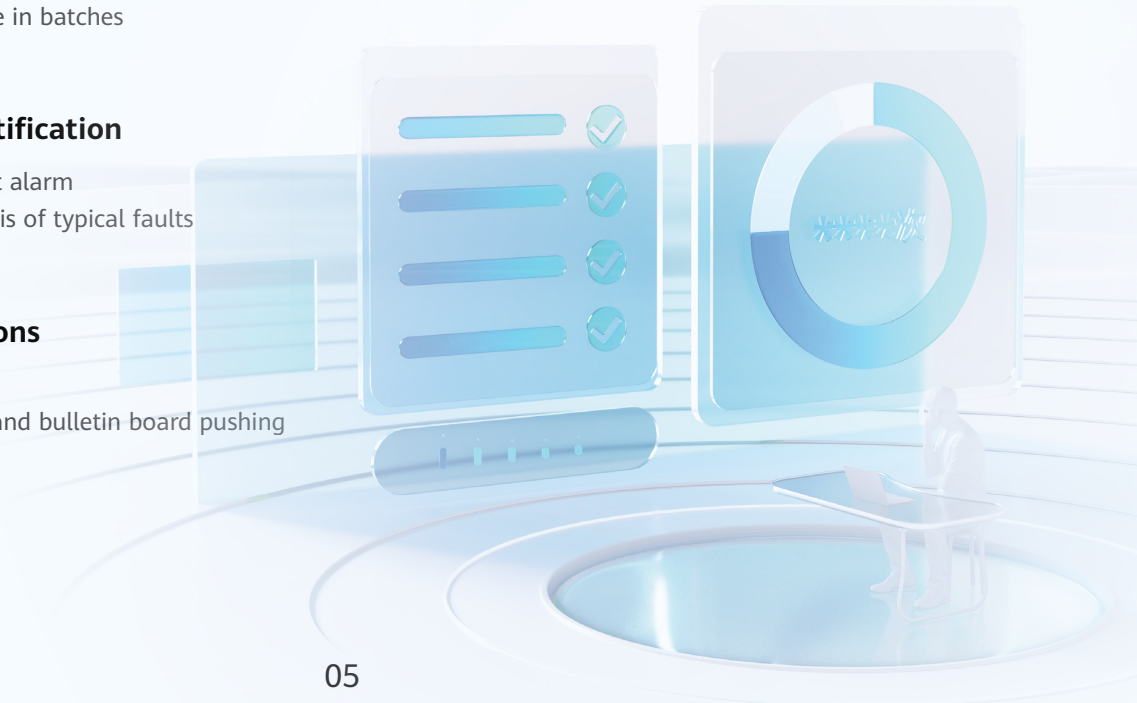
Remote setting of the shutdown time in batches
Remote OTA update in batches

Quick fault rectification

Inspection and fault alarm
Self-service diagnosis of typical faults

Precise operations

Device usage
Startup animation and bulletin board pushing



Application Scenarios



One-click Broadcast

Local workshop, executive meeting, and brainstorming



Digital classroom

Group discussion, multi-screen interaction, and interactive teaching



Public area

Regular meeting, impromptu discussion, and team building



Enterprise lobby

Corporate culture display, welcome board, and activity promotion

Specifications



Product name	Model		
IdeaHub Board 3 Pro	65": IHB2-65PB	75": IHB2-75PB	86": IHB2-86PB

Dimensions (H x W x D) (mm)	Package dimensions (H x W x D)	Net weight/Gross weight
65": 908.0 x 1484.5 x 90.0 75": 1032.0 x 1706.0 x 90.0 86": 1172.3 x 1953.0 x 90.0	65": 1014 x 1620 x 210 75": 1118 x 1880 x 210 86": 1275 x 2090 x 215	65": 36.7 kg; 45.5 kg 75": 47.8 kg; 59.0 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	Stylus pen	Cable
1	2	1 x power cable

IdeaShare Key	Rolling stand	Wall-mounted bracket
Optional (Type-C/Type-A port)	Optional	Optional

Screen

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

Speaker

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

Microphone

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

Wireless connection

Dual-Wi-Fi module	Frequency	NFC
Wi-Fi 5 + Wi-Fi 6	2.4 GHz + 5 GHz	Supported

System

CPU	RAM	Flash	OS
8 cores	8 GB	64 GB*	HarmonyOS and Windows (OPS required)

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

Meeting (external camera required)

Supported apps	Performance
Native meeting apps: Huawei Cloud Meeting and SmartRooms Third-party meeting apps: Tencent Meeting and Lark Meetings	Native meeting: 1080p@30 fps video Third-party meeting apps: Tencent Meeting: 1080p video; Lark Meetings: 720p video

Note: An external camera is required.

Writing

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

Ports

Front-panel ports	Side-panel ports		
1 x Type-C 2 x USB 3.0 1 x Type-B 1 x HDMI IN	2 x USB 2.0 1 x USB 3.0 1 x Type-B	1 x HDMI OUT 1 x HDMI IN 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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