

HUAWEI IdeaHub Board 3 Pro

Reimagine Your Smart Workplaces

Seamless collaboration | Ultimate experience | Security and health

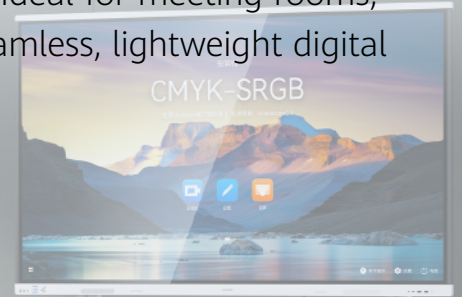


HUAWEI IdeaHub Board 3 Pro

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
- CC EAL6+, the highest security certification for global commercial systems, no pop-up window or interference
- Wi-Fi 6 dual-band channel for seamless 4K content sharing
- Smooth handwriting boasting an AI-driven prediction algorithm and 16 ms ultra-low latency

Seamless Collaboration

Seamless Wi-Fi Direct projection, easy to use

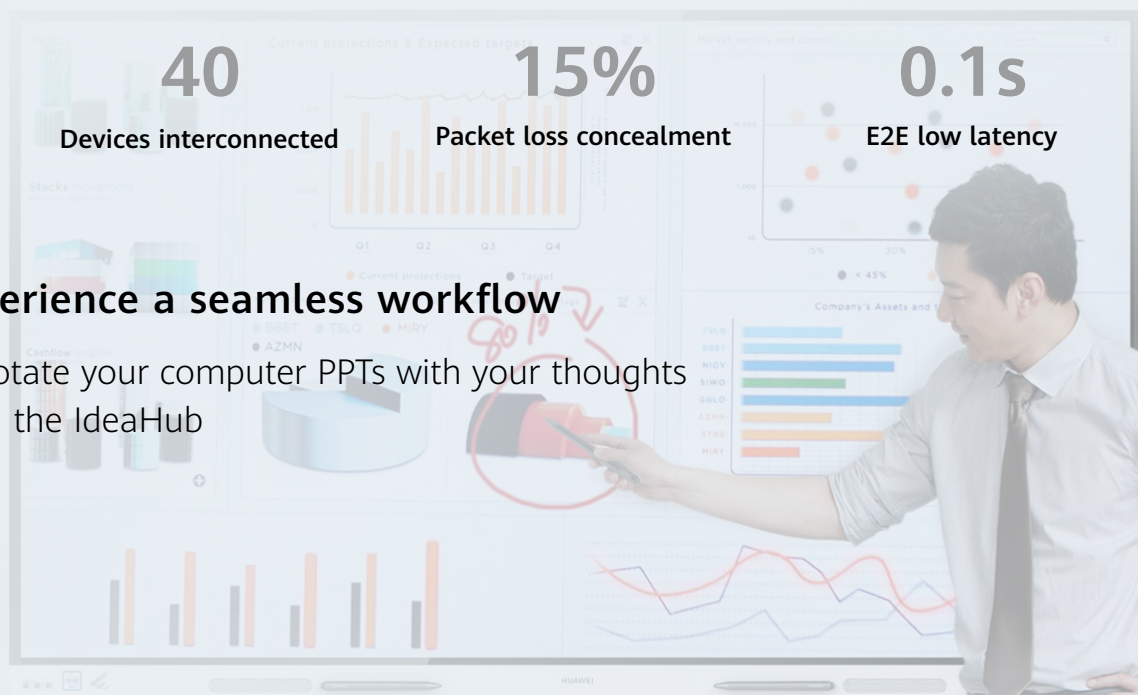
Simply enable Wi-Fi on your IdeaHub and PC/mobile phone to initiate a 4K projection through the IdeaShare app, or use the drop-down menu or NFC on HarmonyOS phones. No password or network connection is needed, thanks to the innovative Wi-Fi Direct projection technology.

Tailored projection solutions for every conceivable scenario¹



Seamless screen mirroring and control for a smarter office⁴

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



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.

Ultimate Experience

Smoother and smarter handwriting



16 ms ultra-low writing latency

AI 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 mode⁵



Content saving

Scan the QR code to save whiteboard content right away⁶

Native HD cloud meeting⁷

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
- Allows up to 50 images be played in carousel



Notes: [5] In Multi-Window mode, you can tap Annotation from the toolbar to take a screenshot and add it to the whiteboard.

[6] This feature works with WeChat, browsers, Huawei Cloud Meeting SmartRooms, and WeLink.

[7] 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

CC EAL6+ 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



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



Application Scenarios



Regular meeting room

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": 892.5 x 1484.5 x 91.6

65": 1050 x 1650 x 220

65": 35.2 kg; 42.7 kg

75": 1016.9 x 1705.7 x 91.8

75": 1170 x 1900 x 220

75": 46.7 kg; 56.7 kg

86": 1157.0 x 1953.0 x 91.8

86": 1300 x 2090 x 250

86": 61.6 kg; 73.1 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

2 x USB 2.0
1 x USB 3.0
1 x Type-B

1 x HDMI OUT
2 x HDMI IN

1 x 3.5 mm Line-out
1 x 3.5 mm Line-in

1 x RJ45 (10/100/1000 Mbit/s LAN)
1 x COM port

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Revision date: October 2024



Huawei Intelligent
Collaboration official website