

# HUAWEI IdeaHub Board 3 Pro

## Reimagine Your Smart Workplaces

Seamless collaboration | Ultimate experience | Security and health



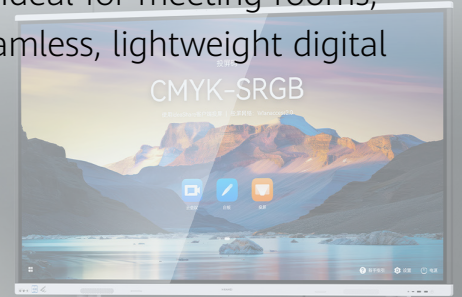
# HUAWEI IdeaHub Board 3 Pro

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



• 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 scenario<sup>1</sup>

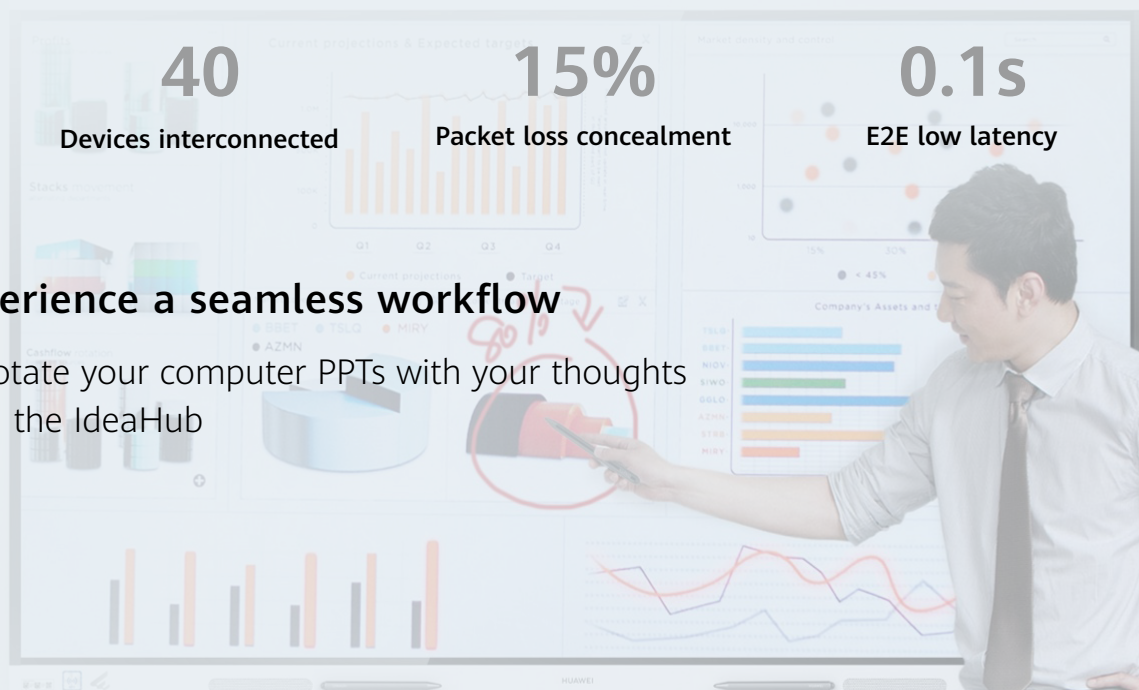


## Seamless screen mirroring and control for a smarter office<sup>4</sup>

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 mode<sup>5</sup>



### Content saving

Scan the QR code to save whiteboard content right away<sup>6</sup>

## Native HD cloud meeting<sup>7</sup>

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



### 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

Native meeting: 1080p@30 fps video

Third-party meeting apps: Tencent Meeting and Lark Meetings

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

## Huawei Technologies Co., Ltd.

Huawei Industrial Base, Bantian, Longgang District, Shenzhen

Tel: +86-755-28780808

Post code: 518129

www.huawei.com

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Huawei Intelligent  
Collaboration official website