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HUAWEI eKit

HUAWEI IdeaHub Board 3 Pro

Reimagine Your Smart Workplaces

Seamless collaboration | Ultimate experience | Security and health



Digitalization for Success

HUAWEI

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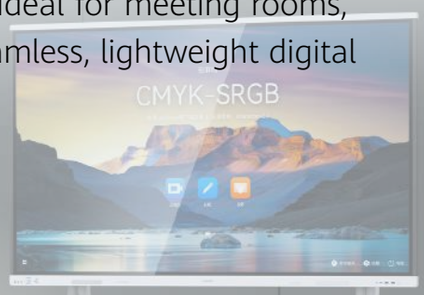
HUAWEI IdeaHub Board 3 Pro

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

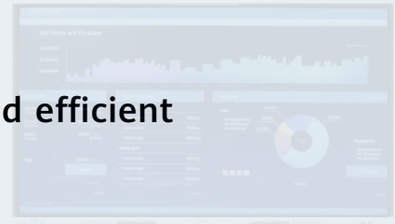
For plug-and-play of various peripherals

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**

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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.



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.

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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[5]

Content saving
Scan the QR code to save whiteboard content right away[6]

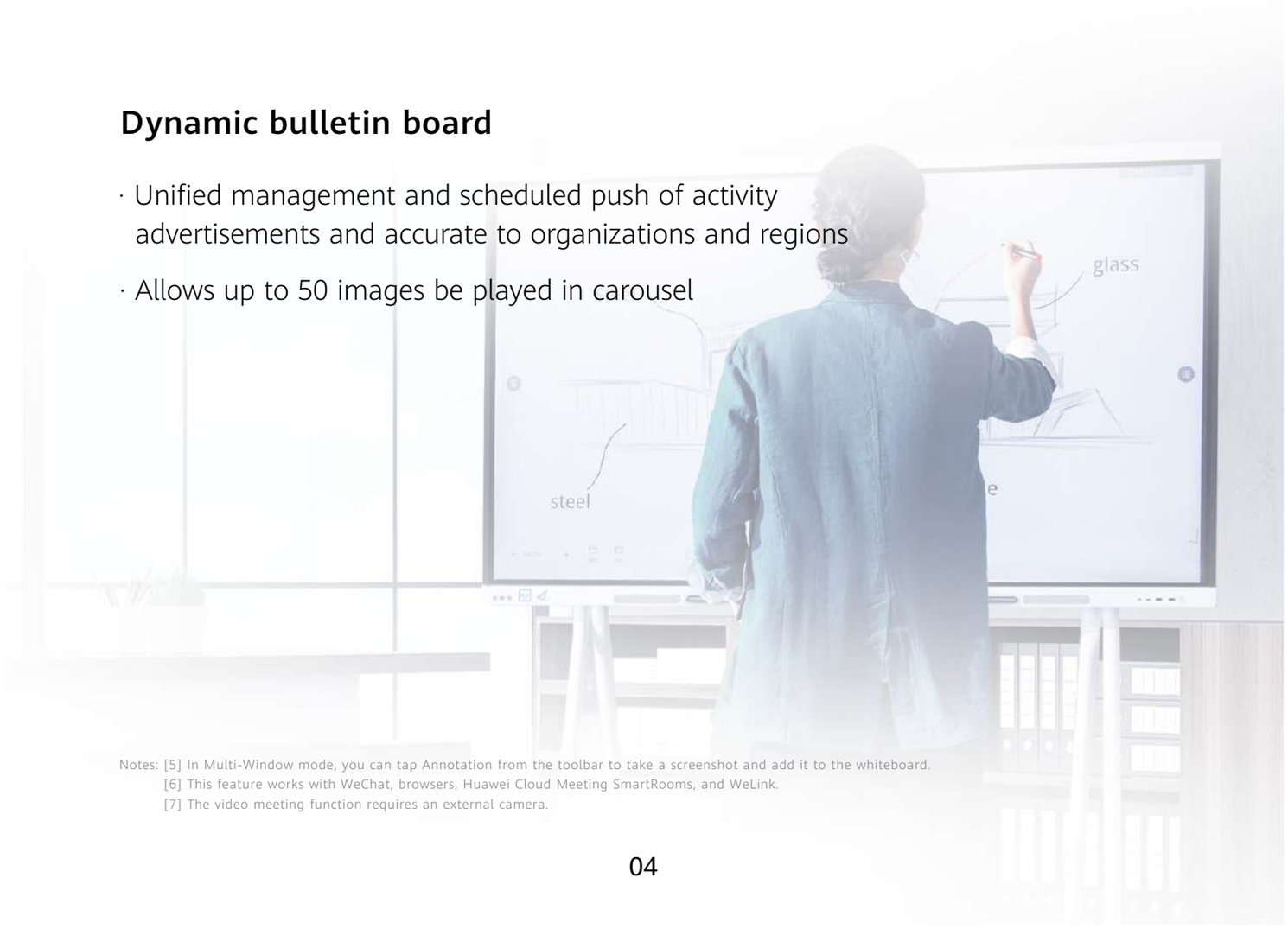
Native HD cloud meeting[7]

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.

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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



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Comprehensive, Intelligent O&M

The ldeaManager 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



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

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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 75": 1016.9 x 1705.7 x 91.8 86": 1157.0 x 1953.0 x 91.8	65": 1050 x 1650 x 220 75": 1170 x 1900 x 220 86": 1300 x 2090 x 250	65": 35.2 kg; 42.7 kg 75": 46.7 kg; 56.7 kg 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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Collaboration official website