



HUAWEI IdeaHub Board Pro

Smooth | Simple | Sleek



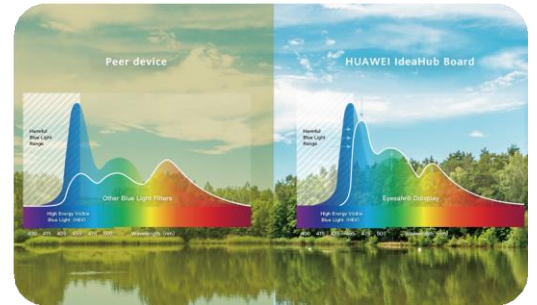
Product Highlights

Optical Light Protection, Eliminating Color Cast

4K UHD anti-blue light feature, certified by TÜV Rheinland, for optimal eye comfort.

Customized colors, anti-glare design, delivering vivid and eye-protective images.

7H Mohs tempered glass screen that is pressure- and impact-resistant.



Huawei Projection, Effortless Sharing

App free projection supported by Huawei phones running EMUI 10.1.1 or later (app download not necessary when connected to the same network).

Multiple projection modes and up to 4K 30 fps UHD image sharing.

Reverse control and dual-screen real-time interaction.

Co-authoring and real-time annotation, supporting batch saving and QR code scanning to take away content.

Smart Pen, Seamless Writing

Intelligent recognition of languages and graphics with an accuracy up to 95%.

Diverse, user-friendly writing and erasing modes.

Zero gap on screen lamination and 35 ms ultra-low latency.



Application Scenarios

Multi-person open discussion



Team training and enablement



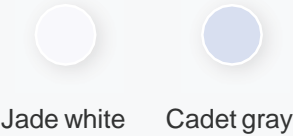
Extended screen for Meeting



Smart classroom



HUAWEI IdeaHub Board Pro



IdeaHub Board Pro 65

Model

IFP-UG65

Package dimensions

Width: 1650 mm
Height: 1050 mm
Depth: 210 mm

Product dimensions

Width: 1486.5 mm
Height: 908.6 mm
Depth: 89.1 mm

Gross weight

54 kg

Net weight

43 kg

IdeaHub Board Pro 86

Model

IFP-UG86

Package dimensions

Width: 2090 mm
Height: 1375 mm
Depth: 280 mm

Product dimensions

Width: 1963.8 mm
Height: 1176.1 mm
Depth: 95 mm

Gross weight

98 kg

Net weight

77 kg

Notes: Actual dimensions may vary according to configuration, manufacturing process, and measurement method.

Components

Main body

Codec, microphone array, and speaker

Rolling stand

Optional (65") Optional (86")



Stylus pen

2

Wall mount bracket

Optional (65"), standard (86")



Cables

Network and power cables

IdeaShare Key

Optional



Screen

Optical anti-blue light

Supported

Color gamut

90% NTSC

Anti-glare

Supported

Number of touch points

20

Resolution

4K

Brightness

≥400cd/m2

Backlight type

D-LED

Glass hardness

7H Mohs

Viewing angle

Horizontal: ≥ 178°,
vertical: ≥ 178°

Automatic brightness adjustment

Supported

Refresh rate

60 Hz

Screen lamination

Zero gap on screen lamination

Writing

Erasing by hand gestures

Supported

Smart writing

Support for recognition of English, Chinese, and 11 graphics

Precision

±1 mm

Writing latency

≤35 ms

Whiteboard saving mode

QR code scanning, email, local, and USB flash drive

Projection

Projection mode

App free projection, DLNA projection, wired projection, and projection using app and IdeaShare Key

Wireless projection effect

4K30fps

Wired projection effect

4K60fps

Meeting

Meeting type

Support for third-party remote meetings, compatible with Zoom, Teams, and Webex

Video effect

1080p 30 fps video meeting delivered by Huawei-recommended cameras (optional)

Presentation sharing

1080p HD presentation sharing

Speakers

Frequency domain

20 Hz to 20 kHz

Quantity

4

Stereo

Supported

Microphones

Sound pickup distance

8 m

Sound pickup angle

180° front view

Quantity

2

Frequency domain

20 Hz to 20 kHz

Enhanced functions

Echo cancellation, noise suppression, automatic gain control, support for external microphones

Camera

No built-in camera. Supports external cameras recommended by Huawei.

System

CPU

[4Core@1.5G](#)

RAM

8 GB

Flash

64 GB

Operating system

Android 9.0 and Windows 10(i3*/i5/i7, optional)

*: i3 will be supported in 2021 Q2.

Communications
Protocols

Network transmission protocols

TCP/IP, DHCP, DNS,
SMTP, SNMP, Sntp,
Telnet, SSH, HTTP,
HTTPS, TR-069

Wi-Fi standards

IEEE 802.11 a/b/g/n/ac/w,
IEEE 802.1x, WPA2,
Wi-Fi AP and Station modes

IP protocols

IPv4 and IPv6 dual stacks

Others

Fault self-check

Supported

Language

10 language such as
simplified Chinese and English*

Ports

Video input

2 x HDMI, 1 x Type-C port,
1 x optional OPS input

Video output

1 x built-in screen, 1 x HDMI

Audio input

2 x built-in microphone array,
1 x 3.5 mm LINE IN,
1 x optional OPS audio input,
2 x HDMI audio input**

Audio output

4 x built-in speakers,
1 x 3.5 mm LINE OUT,
1 x HDMI (audio output)

Other ports

2 x USB A port, 1 x USB B port,
1 x Type-C port,
1 x RJ45 (10/100/1000 M LAN),
1 x RJ45 serial port

Wi-Fi

2.4 GHz, 5 GHz

Electrical Characteristics

Voltage

100–240 V AC

Frequency

50 Hz to 60 Hz

Max. power

< 350 W (65")
< 450 W (86")

Environment Requirements

Noise

≤46dBA
SPL

Operating altitude

< 5000 m

Temperature

0°C to 40°C
(operating state)
–20°C to 60°C
(non-operating state)

Relative humidity

10% to 95% (operating state)
0% to 95% (non-operating state)

Recommended illuminance

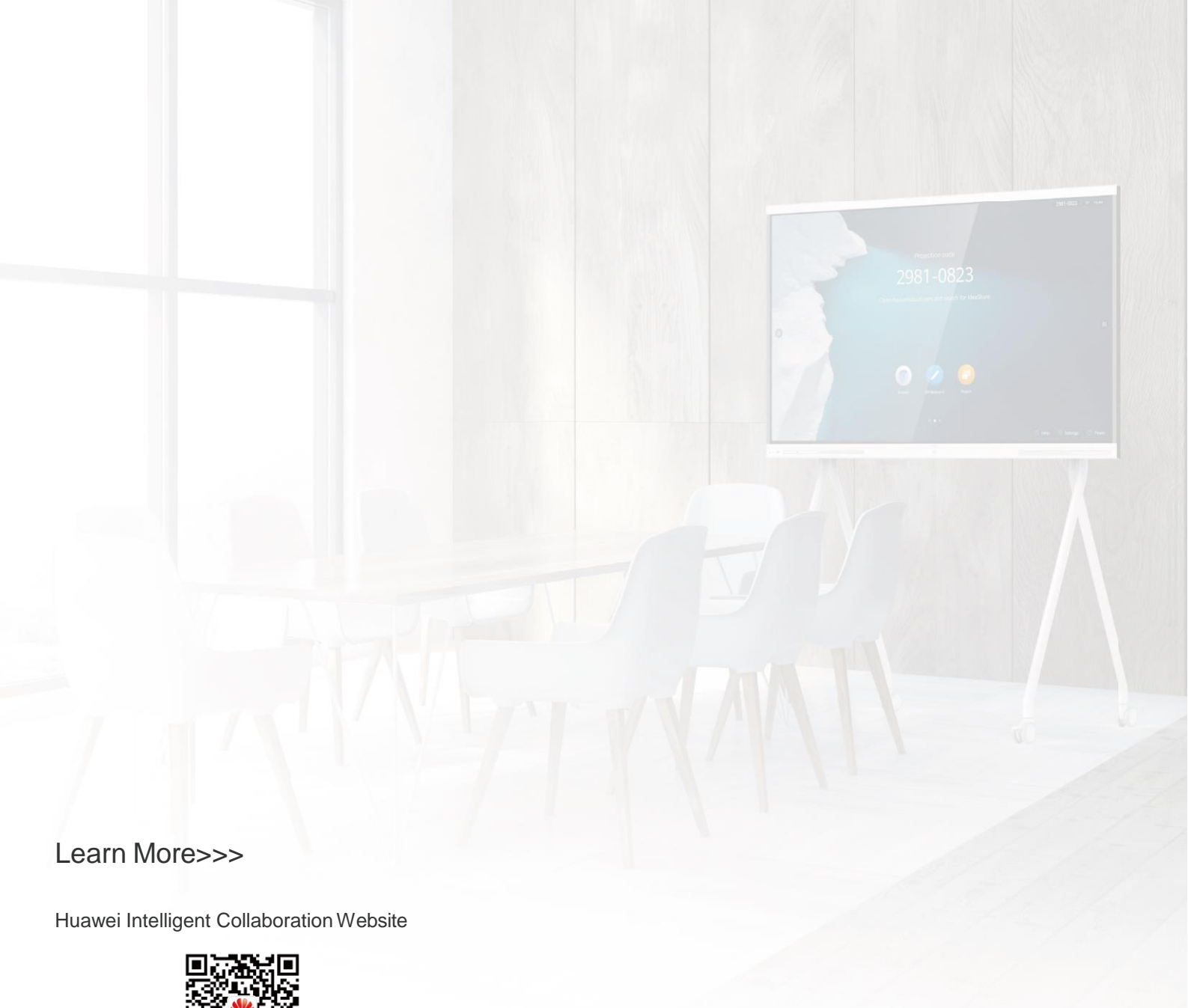
> 200 lux

Min. illuminance

7 lux

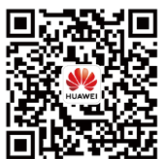
*: Simplified Chinese, Traditional Chinese, English, Spanish, French, Russian, Japanese, Italian, German, and Portuguese

***: Mutually exclusive with OPS





Learn More>>>

Huawei Intelligent Collaboration Website



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Updated: April 2021

Huawei Technologies Co., Ltd.
Huawei Industrial Base, Bantian,
Longgang, Shenzhen
Tel: 86-755-28780808
Post code: 518129

www.huawei.com