

# HUAWEI IdeaHub K3

## Pioneering Smart Education

Comfort and Health | Engaging Interactions | Thriving Ecosystem

IHK3-65XA | IHK3-86XA | IHK3-98XA



TÜV Rheinland Low Blue Light Certification

# HUAWEI IdeaHub K3

HUAWEI IdeaHub K3 (IHK3-65XA/IHK3-86XA/IHK3-98XA) is a high-performance interactive display featuring a 4K soft-light screen with optical anti-blue light, an intelligent whiteboard for smooth writing, and a built-in HD camera. Equipped with a high-precision infrared touch frame and a 4K DLED display, IdeaHub K3 delivers an exceptional experience in writing, whiteboard control, and content presentation. Its large memory and storage configuration ensure smooth software operation and ample space for storing diverse learning materials.

Powered by the latest Android operating system, IdeaHub K3 offers broad compatibility with mainstream applications, enabling a smarter, more seamless user experience.



TÜV Rheinland Low Blue Light (Hardware Solution) Certification



# Features



## Healthy and secure teaching

4K soft light screen and optical anti-blue light offer optimal eye comfort.  
Hardware anti-tampering, with high-level security certification.



## Superb performance

Easily store a variety of learning materials with ultra-large capacity.



## Ultra-low writing latency

Enrich your writing with a dedicated stylus.  
Enjoy intelligent handwriting recognition and save whiteboard content easily by scanning a QR code.



## Convenient, easy-to-use projection

Wi-Fi Direct supports seamless point-to-point connections between large and small screens, allowing real-time mirroring and control without requiring a network connection.



## Open ecosystem

Dual OPS slots support concurrent installation of Android and Windows OPS modules, enabling system switching through software.



## Healthy and secure teaching

Type-B, Type-C, and USB 3.0 ports enable easy projection and data transfer.

# Application Scenarios



## Smart interactive classroom

Flexible layout for multi-screen interaction

## Digital classroom

Innovative and healthy learning environments



## Remote interactive classroom

Learn anytime, anywhere



# Specifications

## Specification



### Model

IHK3-65XA | IHK3-86XA | IHK3-98XA

### Net weight

65": 37.0 kg / 86": 60.0 kg / 98": 94.0 kg

### Gross weight (including packaging)

65": 46.0 kg / 86": 73.5 kg / 98": 111.0kg

### Product dimensions (H x W x D)

65": 924.7mm x 1484.5mm x 90mm  
86": 1188.9mm x 1953.0mm x 90mm  
98": 1341.7mm x 2216.4mm x 96.4mm

### Package dimensions (H x W x D)

65": 1030mm x 1620mm x 210mm  
86": 1291mm x 2090mm x 215mm  
98": 1570mm x 2360mm x 280mm

Note: The dimensions and weight may vary with configuration, manufacturing process, and measurement method.

## System

### CPU

8 Core

### Memory

8 GB

### Operating system

Android 15.0

### GPU

Mali-G610 MC4

### Storage

128 GB

## Screen

### Size

65/86/98 inches

### Resolution

3840 \* 2160

### Refresh rate

60Hz

### Backlight Type

D-LED

### Luminance

350 cd/m<sup>2</sup>

### Color gamut

72%NTSC

### Anti-blue light

Optical anti-blue light

### Anti-glare

Supported

### Angle of view

178°

### Contrast

1200:1

### Hardness

7H (Pencil)

### Response time

8 ms

## Interface

### Front panel

USB ports: USB Type-C×1 (supporting 65 W charging), USB Type-A 3.0 x2, USB-B 2.0 ×1 (Reverse Touch)

Video: HDMI In 2.0 (4K)×1

### Side panel

Serial port: RJ45 x 1

Video: HDMI Out 2.0 x 1, HDMI IN 2.0 (4K) x 1

Audio: Line IN ×1, Line OUT ×1

USB ports: USB Type-A 3.0 x3, Type-C x 1, USB Type-A 2.0 x 1, USB-B 2.0 x 1(Reverse Touch)

### OPS slot

Dual OPS slots,  
supporting Android and Windows OPS modules

### Network Port

RJ45 input and output ports  
(10/100/1000 Mbit/s), supporting Wake-on-LAN.

### Wi-Fi

Wi-Fi 5+Wi-Fi 6: supports Station + AP/P2P

### Wi-Fi protocol

IEEE 802.11 a/b/g/n/ac/ax

### Wi-Fi frequency band

2.4GHz/5GHz

### Bluetooth

Bluetooth 5.3

# Specifications

## Microphone

<b>Quantity</b>	<b>Sound pickup distance</b>
≥ 8	≥10 m

## Speaker

<b>Quantity</b>	<b>Power</b>	<b>Audio channel</b>
≥ 3	≥60W	≥ 2.1 channels

## Camera

<b>Pixels</b>	<b>Diagonal FOV</b>	<b>Horizontal FOV</b>
≥ 4800w	≥ 135°	≥ 122°

## Touch Screen

<b>Touch technology</b>	<b>Writing precision</b>	<b>Multi-touch point</b>
Infrared ray	±1mm	40 points
<b>Response time</b>	<b>Whiteboard Writing delay</b>	<b>Whiteboard function</b>
≤4ms	≤25ms	Write, Draw, Erase, Page Clean

## Whiteboard saving

Local, USB flash drive, email, and Browser QR code scanning

## Projection

<b>Projection mode</b>	<b>Projector</b>	<b>System Compatibility</b>
APP, HDMI, Type-C	Supports USB-A and USB-C projectors	Android/Windows/iOS/macOS/ HarmonyOS

<b>Wi-Fi Direct projection</b>	<b>Mirror &amp; control</b>	<b>Reverse control</b>
Supported	Supported	Supported

## Other

<b>Automatic brightness adjustment</b>	<b>NFC screen lock/unlock</b>	<b>Stylus</b>
Supported	Supported	2

<b>USB protective cover</b>	<b>Multi-Window</b>	<b>Welcome Page</b>
Supported	Supported	Supported

## Power supply

<b>Operating Voltage</b>	<b>Maximum power</b>	<b>Standby power</b>
100V - 240V AC 50/60HZ	65" 400W / 86" 500W / 98" 600W	Less than 0.5 W

## Working environment

<b>Operating temperature</b>	<b>Operating Humidity</b>	<b>Altitude</b>
0° - 40°	10% - 95%	≤ 5000 m

## Lifetime

> 50,000 hours





Huawei Intelligent  
Collaboration official website

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