

Model	DS-D5CxxRB/ B2L		
<b>Display</b>			
Screen Size	65"	75"	86"
Backlight	DLED	DLED	DLED
Pixel Pitch	0.124 (H) × 0.372 (V) mm	0.143 (H) × 0.429 (V) mm	0.164 (H) × 0.493 (V) mm
Resolution	3840 × 2160 @60 Hz	3840 × 2160 @60 Hz	3840 × 2160 @60 Hz
Brightness	480 cd/m <sup>2</sup> (Typ.)	480 cd/m <sup>2</sup> (Typ.)	480 cd/m <sup>2</sup> (Typ.)
Color Depth	10 bit	10 bit	10 bit
Display Color	1.07 G	1.07 G	1.07 G
Response Time	5 ms	5 ms	5 ms
Panel Type	VA	VA	VA
Contrast Ratio	5000:1 (Static) 30,000:1 (Dynamic)	5000:1 (Static) 30,000:1 (Dynamic)	5000:1 (Static) 30,000:1 (Dynamic)
Color Gamut	72% NTSC (CIE1931) (Typ.)	72% NTSC (CIE1931) (Typ.)	72% NTSC (CIE1931) (Typ.)
Refresh Rate	60 Hz	60 Hz	60 Hz
Viewing Angle	178° (H)/178° (V)	178° (H)/178° (V)	178° (H)/178° (V)
Aspect Ratio	16:9	16:9	16:9
Surface Hardness	9H (Pencil)7 (Mohs)	9H (Pencil)7 (Mohs)	9H (Pencil)7 (Mohs)
Surface Glass	Anti-Glare & Anti-Fingerprint glass	Anti-Glare & Anti-Fingerprint glass	Anti-Glare & Anti-Fingerprint glass
Surface Haze	25% Haze	25% Haze	25% Haze
Glass Bonding Method	Zero Lamination	Zero Lamination	Zero Lamination
Display Area	1428.48 (H) × 803.52 (V)	1650.24 (H) × 928.26 (V)	1895.04 × 1065.96 mm
Working Duration	7 × 16 H	7 × 16 H	7 × 16 H
Transmittance	88% ± 3	88% ± 3	88% ± 3
Lifespan	50,000 hours	50,000 hours	50,000 hours
<b>Touch</b>			
Type	Infrared Touch Screen	Infrared Touch Screen	Infrared Touch Screen
Touch Point	Up to 50-point multi-touch	Up to 50-point multi-touch	Up to 50-point multi-touch
Touch Response Time	≤ 2 ms	≤ 2 ms	≤ 2 ms
Minimum Touch Object	≥ 1.5 mm (≥ 90% touching area)	≥ 1.5 mm (≥ 90% touching area)	≥ 1.5 mm (≥ 90% touching area)
Touch Precision	± 0.5 mm (≥ 90% touching area)	± 0.5 mm (≥ 90% touching area)	± 0.5 mm (≥ 90% touching area)
Touch Resolution	32768 × 32768	32768 × 32768	32768 × 32768
<b>Built-in System</b>			
Operation System	Android 14.0	Android 14.0	Android 14.0
Memory & Storage	8 GB + 128 GB	8 GB + 128 GB	8 GB + 128 GB
Processor	Quad-core Cortex-A76 × 4 (2.4 GHz) and quad-core Cortex-A55 × 4 (1.8 GHz)	Quad-core Cortex-A76 × 4 (2.4 GHz) and quad-core Cortex-A55 × 4 (1.8 GHz)	Quad-core Cortex-A76 × 4 (2.4 GHz) and quad-core Cortex-A55 × 4 (1.8 GHz)
GPU	Mali-G610 MC4	Mali-G610 MC4	Mali-G610 MC4
HDCP Version	2.3 & 2.0 & 1.4	2.3 & 2.0 & 1.4	2.3 & 2.0 & 1.4
<b>Internal Function</b>			
Loudspeaker	Built-in 2 × 20 W + 25 W loudspeaker;	Built-in 2 × 20 W + 25 W loudspeaker;	Built-in 2 × 20 W + 25 W loudspeaker;
Bluetooth	Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.4	Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.4	Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.4
NFC	Support card reader 13.56 MHz, (ISO 14443A/ ISO 14443B/ ISO 15693)	Support card reader 13.56 MHz, (ISO 14443A/ ISO 14443B/ ISO 15693)	Support card reader 13.56 MHz, (ISO 14443A/ ISO 14443B/ ISO 15693)
Light Sensor	Yes	Yes	Yes
Humidity and Temperature Sensor	Relative humidity accuracy: up to ± 1.5 %RH; Temperature accuracy: up to ± 0.1 °C	Relative humidity accuracy: up to ± 1.5 %RH; Temperature accuracy: up to ± 0.1 °C	Relative humidity accuracy: up to ± 1.5 %RH; Temperature accuracy: up to ± 0.1 °C
<b>Interface</b>			
Video & Audio Interface	HDMI IN 2.0 x 3 (Front x 1; Rear x 2; Support HDCP2.3 & 2.0 & 1.4; Support HDMI CEC protocol), VGA IN x 1 (Rear), Audio IN x 1 (Rear), HDMI OUT 2.0 x 1 (Rear), Audio OUT x 1 (Rear), SPDIF x 1 (Rear)	HDMI IN 2.0 x 3 (Front x 1; Rear x 2; Support HDCP2.3 & 2.0 & 1.4; Support HDMI CEC protocol), VGA IN x 1 (Rear), Audio IN x 1 (Rear), HDMI OUT 2.0 x 1 (Rear), Audio OUT x 1 (Rear), SPDIF x 1 (Rear)	HDMI IN 2.0 x 3 (Front x 1; Rear x 2; Support HDCP2.3 & 2.0 & 1.4; Support HDMI CEC protocol), VGA IN x 1 (Rear), Audio IN x 1 (Rear), HDMI OUT 2.0 x 1 (Rear), Audio OUT x 1 (Rear), SPDIF x 1 (Rear)
Control interface	TOUCH-USB 3.0 × 1 (Front × 1), TOUCH-USB 2.0 × 2 (Rear × 2), RS232 × 1 (Rear)	TOUCH-USB 3.0 × 1 (Front × 1), TOUCH-USB 2.0 × 2 (Rear × 2), RS232 × 1 (Rear)	TOUCH-USB 3.0 × 1 (Front × 1), TOUCH-USB 2.0 × 2 (Rear × 2), RS232 × 1 (Rear)
Network Interface	LAN (1000 Mbps) × 2 (Rear), Wi-Fi AP & Station Wi-Fi AP & Station, 2.4 G/5 G Wi-Fi 6, IEEE 802.11 a/b/g/n/ac/ax 2 × 2 MIMO (2.4 GHz and 5 GHz) authentication protocols WEP, WPA, WPA2, PSK and 802.1X EAP	LAN (1000 Mbps) × 2 (Rear), Wi-Fi AP & Station Wi-Fi AP & Station, 2.4 G/5 G Wi-Fi 6, IEEE 802.11 a/b/g/n/ac/ax 2 × 2 MIMO (2.4 GHz and 5 GHz) authentication protocols WEP, WPA, WPA2, PSK and 802.1X EAP	LAN (1000 Mbps) × 2 (Rear), Wi-Fi AP & Station Wi-Fi AP & Station, 2.4 G/5 G Wi-Fi 6, IEEE 802.11 a/b/g/n/ac/ax 2 × 2 MIMO (2.4 GHz and 5 GHz) authentication protocols WEP, WPA, WPA2, PSK and 802.1X EAP
Data Transmission Interface	USB 3.0 × 4 (Front × 2; Rear × 2), USB 2.0 × 1 (Rear) Type-C × 2 (Front × 1; Rear × 1; Support USB 2.0, 100 W charging functions, DP IN 1.2)	USB 3.0 × 4 (Front × 2; Rear × 2), USB 2.0 × 1 (Rear) Type-C × 2 (Front × 1; Rear × 1; Support USB 2.0, 100 W charging functions, DP IN 1.2)	USB 3.0 × 4 (Front × 2; Rear × 2), USB 2.0 × 1 (Rear) Type-C × 2 (Front × 1; Rear × 1; Support USB 2.0, 100 W charging functions, DP IN 1.2)
<b>Camera</b>			
Pixel	Pixel 48 MP for Photos & 8 MP for Video	Pixel 48 MP for Photos & 8 MP for Video	Pixel 48 MP for Photos & 8 MP for Video
Camera Function	Support intelligent switching between Android system, OPS, and PC.	Support intelligent switching between Android system, OPS, and PC.	Support intelligent switching between Android system, OPS, and PC.
Field Angle	93.4° (diagonal), 84.5° (horizontal), 54.1° (vertical)	93.4° (diagonal), 84.5° (horizontal), 54.1° (vertical)	93.4° (diagonal), 84.5° (horizontal), 54.1° (vertical)
Distortion	≤ 2.5%	≤ 2.5%	≤ 2.5%
Camera Resolution Ratio	Up to 4K	Up to 4K	Up to 4K
<b>Microphone</b>			
Specification	Omni-directional 8-array layout	Omni-directional 8-array layout	Omni-directional 8-array layout
Mic Function	Echo reduction and smart noise-cancellation	Echo reduction and smart noise-cancellation	Echo reduction and smart noise-cancellation
Voice Distance	12 m	12 m	12 m
Sampling Rate	32 K	32 K	32 K
Mic Depth	16 bit	16 bit	16 bit
<b>Working Environment</b>			
Working Temperature	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)
Working Humidity	10% - 90% RH	10% - 90% RH	10% - 90% RH

\*Also available: DS-D5CxxRB/A2L (without camera and microphone).

Select Series

# WonderHub


Touch. Teach. Wonder to Reach.



65"

75"

86"

  
8-Core CPU  
8GB RAM  
128GB Storage

  
Android 14  
EDLA Certified

  
Versatile  
Interfaces

  
480 Nits  
Brightness

  
Intelligent  
Whiteboard

  
Smart  
Education



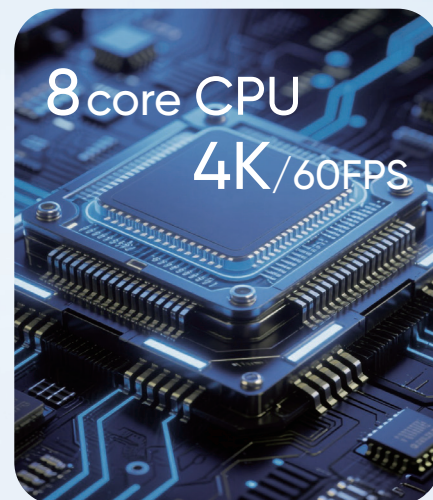
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**HIKVISION**

### 8-Core CPU Powerhouse for Unmatched Performance

- Experience seamless multitasking with a high-performance 8-core processor – built to handle demanding apps, real-time collaboration, and 4K content.
- Ideal for interactive teaching, video streaming, and AI-powered tools.



### Android 14



### Android 14 EDLA Certified

for User-Friendly Operation Experience

- Android 14 preinstalled. Google EDLA certified.
- It offers easy interactions like with smart tablet, secure access to Google applications and educational apps, plus **OTA updates**. A trusted, future-ready platform for educators worldwide.

### Versatile Interfaces for Intuitive Control

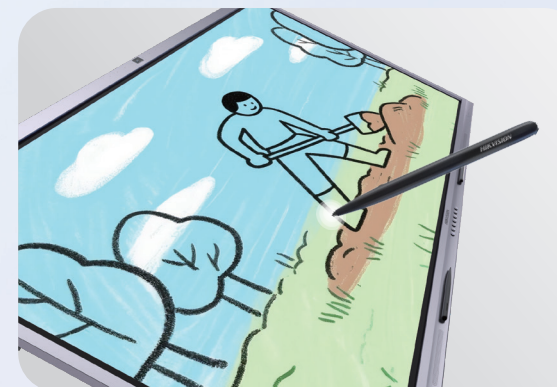
for Intuitive Control

- **Temperature & humidity sensor** to detect and show real-time data in the room. **Physical buttons** on the front panel.
- Dual full-feature **TYPE-C ports**, support audio and video transmission, up to 100W power supply.
- HCF centralized management platform for simplified IT operations.



### 480 Nits Ultra-Bright Display for Crystal-Clear Viewing Anywhere

- Say goodbye to glare. The anti-glare screen shines with 480 nits of brightness.
- Combined with exclusive picture quality tuning, it ensures vivid visuals even in sunlit classrooms. Plus, **TÜV-certified eye-care tech** eases strain during long sessions.



### Intelligent Whiteboard for Smarter Teaching

- **Zero-gap writing** delivers a true paper-like feel. Supports **50-point IR touch** with strong dust and palm rejection, ideal for multi-user collaboration.
- It offers diverse assistant tools, AI object recognition, and a rich online resource library make smart teaching easier than ever.

Built-in 8MP camera and 8-microphone array



### Remote Education enabled by AI Camera and Built-in Loudspeakers

- Built-in **8MP camera** and **8-microphone array** that can pick up the sound within 12m, together supports sound screen, auto framing and speaker tracking.
- Built-in speakers support 2.1-channel: mid-treble 20W \* 2, bass 25W \* 1 for better sound effect.

