BenQ Education



BenQ Board RE05AC: The All-in-One Interactive Display for Modern Education

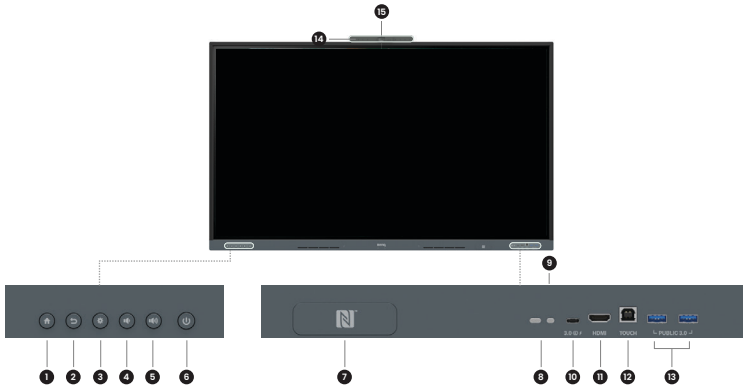
With EDLA-certified Google services, a built-in 50MP camera, 84W sound system, and 8-array microphones with 12m pickup range, the BenQ Board RE05AC makes interactive teaching and video-enabled lessons simpler and more seamless.

- 6 TOPS NPU
- Built in 50MP Camera
- 84W Built in Speaker
- 8-Array Microphone
- Google EDLA-Certified
- Android 16
- Octa-core Processor
- 8GB RAM 128GB Internal Memory
- NFC Sensor
- 50 Touch Points

Category	Spec Attribute	RE8605AC
Panel	Screen Diagonal	86"
	Backlight	DLED
	Resolution	4K UHD 3840 × 2160 pixels
	Aspect Ratio	16 : 9
	Brightness	500 nits
	Contrast Ratio	5500:1
	Dynamic Contrast Ratio	50,000:1
	Viewing Angle	178°
	Color gamut (x% NTSC)	72%
	Panel Refresh Rate	60 Hz
	Response Time	≤ 6.5 ms
	Color Depth	10-bit
	Panel Lifespan	50,000hrs
	Orientation	Landscape
Touch solution	Touch Technology	Precision IR
	Number of touches	Up to 50
Cover glass	Thickness	Heat-tempered 3.2 mm
	Hardness	9H
Built-in	Camera	4K UHD / 50 MP
	Microphone	8-array microphone (max. range 12m)
	Speaker	84W (2 × 12W speakers | 2 × 30W subwoofer)
System	Android	Android 16 (EDLA)
	RAM	8GB
	Internal Memory	128GB
	NPU	6 TOPS
	CPU | GPU	Arm Cortex-A72 × 4 + Cortex-A53 × 4 | Arm Mali-G52 MC3
Interface	HDMI (in | out)	3 × HDMI 2.0 | 1 × HDMI 2.0
	USB Type A	1 × USB 2.0 + 3 × USB 3.0
	USB Type C	1 × USB 3.0 (PD 65 W)
	Wi-Fi | Bluetooth	Wi-Fi 6.0 | Bluetooth 5.2
	3.5mm Line out (Earphone)	x 1
	3.5mm Line in (Mic)	x 1
	RS232	x 1
	SPDIF (optical)	x 1
	NFC Sensor	Yes
	IR Sensor	Yes
	Ambient Light Sensor	Yes
	OPS Slot	x 1
	LAN In/Out (RJ45)	OPS: 10/100 Mbps; Android: 10/100/1000 Mbps
Mechanical	Dimensions (WxHxD)	1960.2 x 1191.2 x 100.5 mm
	Weight (product I shipping)	56.5 kg | 65.5 kg
Power	Power supply	AC 100-240V 50-60 Hz
	Power consumption	115.2W
Accessories	Standard	Remote Control, Power Cord, Stylus x 2, Quick Start Guide, Regulation Sheet, Touch USB Cable, HDMI Cable, Wall Mount
	Optional	Camera / OPS / BYOD, BYOM Kit

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Input/output terminals

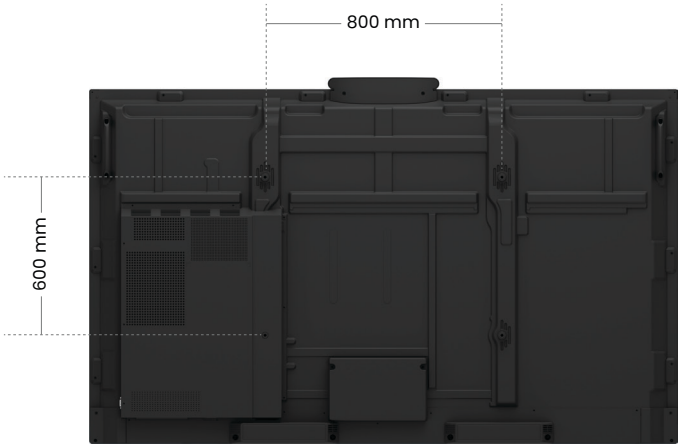


1. Home button
2. Back button
3. Settings button
4. Volume down button
5. Volume up button
6. Power button
7. NFC sensor
8. IR sensor
9. Ambient light sensor
10. USB 3.0 Type-C sensor
11. HDMI in port
12. Touch USB 2.0 Type-B port
13. USB 3.0 Type-A ports
14. 8-microphone array
15. 4K camera



16. OPS slot with cover
17. USB 3.0 & USB 2.0 Type-A ports
18. Touch USB 2.0 Type-B port 1
19. HDMI out port
20. HDMI in ports[2]
21. Gigabit Ethernet port
22. 3.5 mm audio out jack
23. 3.5 mm audio in jack
24. RS232 port
25. S/PDIF port

Wallmount



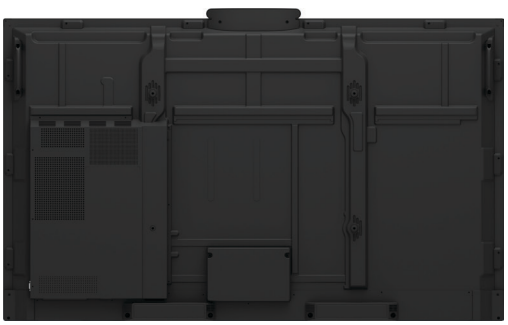
Size	VESA specification	Screw type	Quantity
86"	800 x 600 mm	M8 × 25 mm	4

Dimension



Dimensions (W×H×D)

RE8605AC | 77.2 x 46.9 x 3.9 in (1960.2 x 1191.2 x 100.5 mm)



3 Years onsite warranty on BenQ Board

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