

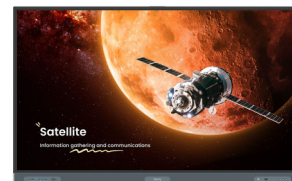


BenQ RP8604 interactive whiteboard 2.18 m (86") 3840 x 2160 pixels Touchscreen Black

Brand : BenQ

Product code: RP8604

Product name : RP8604



86", IPS, UHD 3840 x 2160 pixels, 72% NTSC, 9H, GPU Mali-G57MC5, Android 13, Wifi, 2 x 20 W (max)

BenQ RP8604 interactive whiteboard 2.18 m (86") 3840 x 2160 pixels Touchscreen Black:

Create immersive learning experiences with a powerful EDLA-certified smart board for education with official Google integration.

BenQ RP8604. Display diagonal: 2.18 m (86"), Working area: 1895 x 1066 mm, Display brightness: 450 cd/m². Operating system installed: Android, Processor architecture: ARM Cortex A78 + ARM Cortex A55, User memory: 64 GB. Speaker power: 20 W, Subwoofer RMS power: 16 W. Ethernet LAN data rates: 10,100,1000 Mbit/s. USB connector type: USB Type-A, USB Type-B, USB Type-C, DisplayPort version: 1.2a, Microphone connectivity: 3.5 mm

Display		Ports & interfaces	
Display diagonal *	2.18 m (86")	HDMI output ports quantity	1
Display brightness	450 cd/m ²	DisplayPort version	1.2a
Display resolution	3840 x 2160 pixels	DisplayPorts quantity	1
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
HD type	4K Ultra HD	VGA (D-Sub) ports quantity	1
Panel type	IPS	Line-in	✓
Native aspect ratio	16:9	Line-out	✓
Contrast ratio (typical)	1200:1	OPS slot	1
Contrast ratio (dynamic)	50000:1	S/DPDIF out port	✓
Response time	8 ms	Microphone connectivity	3.5 mm
Touchscreen *	✓	Headphone connectivity	3.5 mm
Touch technology	Multi-touch	Audio output	3
Touchscreen type	Infrared		
Number of simultaneous touchpoints	50	Ergonomics	
Touch system response time	5 ms	Product colour	Black
Colour gamut	72%	VESA mounting	✓
Working area *	1895 x 1066 mm	Panel mounting interface	800 x 600 mm
Surface material	Tempered glass	Wall mountable	✓
Low Blue Light technology	✓	Performance	
Hardness	9H	Humidity sensor	✓
Computer system		Temperature sensor	✓
Operating system installed	Android	PM2.5 sensor	✓
Operating system version	13	Number of air ionizers	1
Built-in processor	✓	Motion sensor	✓
Processor architecture	ARM Cortex A78 + ARM Cortex A55	Power	
Processor cores	4	Power consumption (typical)	164.4 W
User memory	64 GB	Power consumption (standby)	0.5 W
RAM capacity	8 GB	AC input voltage	100-240 V
Graphics card family	ARM	AC input frequency	50/60 Hz
Graphics card	Mali-G57 MC5	System requirements	
Audio		Security updates end date	30/11/2026
Built-in speaker(s) *	✓	Operational conditions	
Number of built-in speakers	2	Operating temperature (T-T)	0 - 40 °C
Speaker power	20 W	Operating relative humidity (H-H)	10 - 90%
Built-in subwoofer	✓	Storage temperature (T-T)	-20 - 60 °C
Subwoofer RMS power	16 W	Storage relative humidity (H-H)	10 - 90%

Audio		Weight & dimensions	
Built-in microphone	✓	Width *	1957 mm
Network		Depth	117.7 mm
Wi-Fi	✓	Height *	1200.5 mm
Ethernet LAN	✓	Weight	64.7 kg
Ethernet LAN data rates	10,100,1000 Mbit/s	Packaging data	
Near Field Communication (NFC)	✓	Package width	2110 mm
Ports & interfaces		Package depth	205 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	7	Package height	1291 mm
Interface module USB 3.2 Gen 1 (3.1 Gen 1) Type-B ports quantity	3	Package weight	7.96 kg
USB 2.0 ports quantity	1	Quantity per pack	1 pc(s)
USB connector type	USB Type-A, USB Type-B, USB Type-C	Packaging content	
HDMI ports quantity	5	Pen tray included	✓
USB Type-C ports quantity	4	Cables included	HDMI, Power, USB, USB Type-C, VGA
HDMI version	2.0	Remote control included	✓
		Mounting kit	✓
		Stylus included	✓
		Number of stylus pens	2



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