



BenQ RP8603 interactive whiteboard 2.18 m (86") 3840 x 2160 pixels Touchscreen Black

Brand : Benq

Product code: RP8603

Product name : RP8603



- Germ-resistant screen, pen, and remote
 - Built-in air ionizer for clean air
 - 2 x 16W speakers with subwoofer for immersive sound
 - One-tap NFC login to instantly load lesson materials
 - Interactive teaching tools for more hands-on lessons
- 86", UHD, 3840 x 2160, IPS, 16:9, HDMI 2.0, USB, DisplayPort 1.2, Ethernet LAN, Wi-Fi, NFC, 141.9 W, 1962.4 x 1203.4 x 121.5 mm, 70200 g
 BenQ RP8603. Display diagonal: 2.18 m (86"), Working area: 1895 x 1066 mm, Display brightness: 450 cd/m². Operating system installed: Android 11, Processor architecture: ARM Cortex A73 + ARM Cortex A53, Maximum internal memory: 8 GB. Speaker power: 32 W, Subwoofer RMS power: 16 W. Ethernet LAN data rates: 10,100,1000 Mbit/s. DisplayPort version: 1.2a, Microphone connectivity: 3.5 mm, Headphone connectivity: 3.5 mm

Features		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	2
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)	30000:1	S/PDIF out port	✓
Response time	8 ms	Microphone connectivity	3.5 mm
Touchscreen *	✓	Headphone connectivity	3.5 mm
Touch technology	Multi-touch	Ergonomics	
Touchscreen type	Infrared	Product colour	Black
Number of simultaneous touchpoints	40	VESA mounting	✓
Touch system response time	10 ms	Panel mounting interface	800 x 600 mm
Colour gamut	72%	Power cable length	3 m
Working area *	1895 x 1066 mm	Certification	TÜVRheinland, SIAA ISO22196 for KOHKIN
Surface material	Tempered glass	Performance	
Low Blue Light technology	✓	Humidity sensor	✓
Hardness	9H	Temperature sensor	✓
Computer system		Power	
Operating system installed	Android 11	Power consumption (max)	587.6 W
Built-in processor	✓	Power consumption (typical)	141.9 W
Processor architecture	ARM Cortex A73 + ARM Cortex A53	Power consumption (standby)	0.5 W
Maximum internal memory	8 GB	AC input voltage	100 - 240 V
RAM capacity	64 GB	AC input frequency	50/60 Hz
Graphics card	Mali-G52	Energy efficiency class	G
Audio		Energy efficiency scale	A to G
Built-in speaker(s) *	✓	Operational conditions	
Number of built-in speakers	2	Operating temperature (T-T)	0 - 40 °C
Speaker power	32 W		

Audio		Operational conditions	
Built-in subwoofer	✓	Operating relative humidity (H-H)	20 - 80%
Subwoofer RMS power	16 W	Storage temperature (T-T)	-10 - 60 °C
Built-in microphone	✓	Storage relative humidity (H-H)	10 - 60%
Number of microphone arrays	8	Weight & dimensions	
Network		Width *	1962.4 mm
Wi-Fi	✓	Depth	121.5 mm
Ethernet LAN	✓	Height *	1203.4 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight	70.2 kg
Near Field Communication (NFC)	✓	Packaging data	
Ports & interfaces		Package width	2160 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A hub ports quantity	5	Package depth	250 mm
USB 2.0 ports quantity	2	Package height	1340 mm
USB 2.0 Type-B Touch ports quantity	3	Package weight	87 kg
HDMI ports quantity	3	Quantity per pack	1 pc(s)
USB Type-C ports quantity	2	Packaging content	
HDMI version	2.0	Cables included	HDMI, Power, USB, USB Type-C, VGA
		Remote control included	✓
		Mounting kit	✓
		Stylus included	✓
		Number of stylus pens	2



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