![BenQ logo]

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

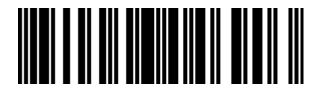86'', UHD, 3840 × 2160, IPS, 16:9, HDMI 2.0, USB, DisplayPort 1.2, Ethernet LAN, Wi-Fi, NFC, 141.9 W, 1962.4 x 1203.4 x 121.5 mm, 70200 g

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

Display diagonal *	2.18 m (86")
Display brightness	450 cd/m²
Display resolution	3840 x 2160 pixels
Anti-glare screen	✓
HD type	4K Ultra HD
Panel type	IPS
Native aspect ratio	16:9
Contrast ratio (typical)	1200:1
Contrast ratio (dynamic)	30000:1
Response time	8 ms
Touchscreen *	✓
Touch technology	Multi-touch
Touchscreen type	Infrared
Number of simultaneous touchpoints	40
Touch system response time	10 ms
Colour gamut	72%
Working area *	1895 x 1066 mm
Surface material	Tempered glass
Low Blue Light technology	✓
Hardness	9H

Computer system

Operating system installed	Android 11
Built-in processor	✓
Processor architecture	ARM Cortex A73 + ARM Cortex A53
Maximum internal memory	8 GB
RAM capacity	64 GB
Graphics card	Mali-G52

Audio

Built-in speaker(s) *	✓
Number of built-in speakers	2
Speaker power	32 W

Ports & interfaces

HDMI output ports quantity	1
DisplayPort version	1.2a
DisplayPorts quantity	1
Ethernet LAN (RJ-45) ports	2
VGA (D-Sub) ports quantity	1
Line-in	✓
Line-out	✓
OPS slot	1
S/PDIF out port	✓
Microphone connectivity	3.5 mm
Headphone connectivity	3.5 mm

Ergonomics

Product colour	Black
VESA mounting	✓
Panel mounting interface	800 x 600 mm
Power cable length	3 m
Certification	TÜVRheinland, SIAA ISO22196 for KOHKIN

Performance

Humidity sensor	✓
Temperature sensor	✓

Power

Power consumption (max)	587.6 W
Power consumption (typical)	141.9 W
Power consumption (standby)	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Energy efficiency class	G
Energy efficiency scale	A to G

Operational conditions

Operating temperature (T-T)	0 - 40 °C

Audio

Built-in subwoofer	✔
Subwoofer RMS power	16 W
Built-in microphone	✔
Number of microphone arrays	8

Network

Wi-Fi	✔
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Near Field Communication (NFC)	✔

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A hub ports quantity	5
USB 2.0 ports quantity	2
USB 2.0 Type-B Touch ports quantity	3
HDMI ports quantity	3
USB Type-C ports quantity	2
HDMI version	2.0

Operational conditions

Operating relative humidity (H-H)	20 - 80%
Storage temperature (T-T)	-10 - 60 °C
Storage relative humidity (H-H)	10 - 60%

Weight & dimensions

Width *	1962.4 mm
Depth	121.5 mm
Height *	1203.4 mm
Weight	70.2 kg

Packaging data

Package width	2160 mm
Package depth	250 mm
Package height	1340 mm
Package weight	87 kg
Quantity per pack	1 pc(s)

Packaging content

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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