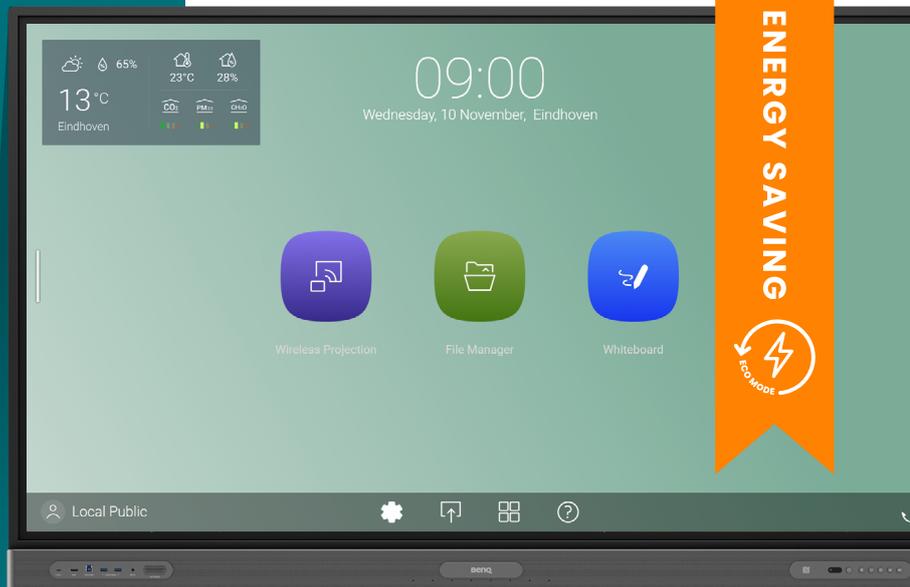


RP8603

Pro Series



ClassroomCare® – Unique health protection technology



BenQ displays feature the world's first **germ-resistant touchscreen** for large format displays, with official **TÜV and SIAA certification**. RP03 interactive displays employ Nano-ionic silver particles on the screen, front ports, pens, and remote control to protect students and teachers across all points of contact.



Air Quality Sensor to detect & monitor the level of carbon dioxide (CO₂), formaldehyde (CH₂O), volatile organic compounds (TVOCs) concentration and presence of PM_{2.5} and PM₁₀ (air pollution) in the classroom. Built-in **Air Ionizer** to reduce particle pollution in the classroom, the widget can actively release negative ions automatically or remotely via DMS.



For users' vision protection all BenQ displays are equipped with **anti-glare, flicker-free** and **low blue light** eye-care features. Embedded sensors activate the **Smart Eye-care solution** when anyone approaches the screen by turning on the low blue light mode automatically. RP03 is **the World's first Eyesafe® certified** interactive display.

Panel	Screen size	86"	
	Resolution	4K UHD 3840 × 2160	
	Brightness (typ.)	400 nits	
	Contrast ratio (typ.)	1200 : 1	
	Dynamic contrast ratio	30,000 : 1	
	Viewing angle (H/V)	178°	
	Response time (G-t-G)	8 ms	
	Backlight life (hrs)	50,000	
Platform solution	Panel surface	AG, Haze 25%	
	Operating hours	18 hours / 7 days	
	Orientation	Landscape	
Power	System memory	8 GB	
	Storage	64 GB	
	OS	Android 11	
	Power supply	100-240 V 50/60 Hz	
Power	Power consumption	Maximum (W/h)	588
		Typical (W/h)	142
		Standby mode (W/h)	<0.5
Touch	AC power switch	Yes	
	Wake up	LAN / HDMI / VGA / DP	
	Technology	Fine IR Plus	
Touch	Number of touch points	40	
	Interface	USB Type B x 3	
Glass	Tempered glass	3.2 mm	
	Hardness	9H	
	AG coating	Yes	
ClassroomCare® Technology	Eye-Care Solution (TÜV certified) Flicker-Free & Low Blue Light	Smart Eye-Care (Eyesafe® certified)	
	Air-Quality Sensor	CO ₂ - PM _{2.5} - PM ₁₀ , Temperature & Humidity, Air Ionizer	
Environment	Germ-Resistant Screen (TÜV & SIAA certified)	Yes	
	Operating temperature	0°C ~ 40°C	
	Operating humidity	20% ~ 80% RH non-condensing	
Connectivity	Energy efficiency	Energy Star 8.0 certified	
	Input	VGA x 1, HDMI 2.0 x 3, DP 1.2a x 1, Audio (3.5 mm) x 1	
		Audio (3.5 mm) x 1	
	Output	HDMI 2.0 x 1, Audio (3.5 mm) x 1	
	USB	Type A x 7 (2.0 x 2 / 3.2 Gen 1 x 5), Type B x 3 (3.0), Type C x 2 (3.0)	
		RS232	x 1
		RJ45 (LAN)	x 2 (Android / OPS) up to 1000Mbps
Audio	Remote controller	x 1	
	Built-in speaker	2 x 16 W / 1 x Subwoofer 16 W	
	Dolby Audio	Yes	
	Array microphones	x 8	
Mechanical	Dimension (mm)	Screen 1962.4 × 1203.4 × 121.4 mm	
	Weight (kg)	Net weight	70.2
		Gross weight	87
	Bezel width (mm)	16.6/16.6 / 16.6 / 16.6	
	Wall mounting (VESA) (screw type / max. length)	800 × 600 (4 × M8 × 25L)	
	Wall mount kit	Included	
	OPS slot	Yes	
NFC sensor	Yes		
Pen tray	Yes		
Warranty		3-year warranty on-site exchange	

SOFTWARE



EZWrite 6

Save lessons in editable whiteboard files (IWB) with Cloud Whiteboarding. Google Classroom is integrated with EZWrite WEB.



InstaShare 2

Wireless screen sharing & casting from any device. Share several screens simultaneously, with different type of content.



X-Sign Broadcast

Announcement system with cross-campus communication. Send visual alerts, warnings, videos to all or one specific device.



AMS

Account Management System to conveniently load and access your account and cloud storage from any BenQ display.



DMS

Device Management Solution centrally oversees all displays to get real-time status information, deploy OTA updates & more.

INPUT AND OUTPUT TERMINALS

FRONT I/O



NFC SENSOR & KEYPAD BUTTONS



CAMERA USB PORT, WIFI DONGLE & REMOTE CONTROLLER USB PORT



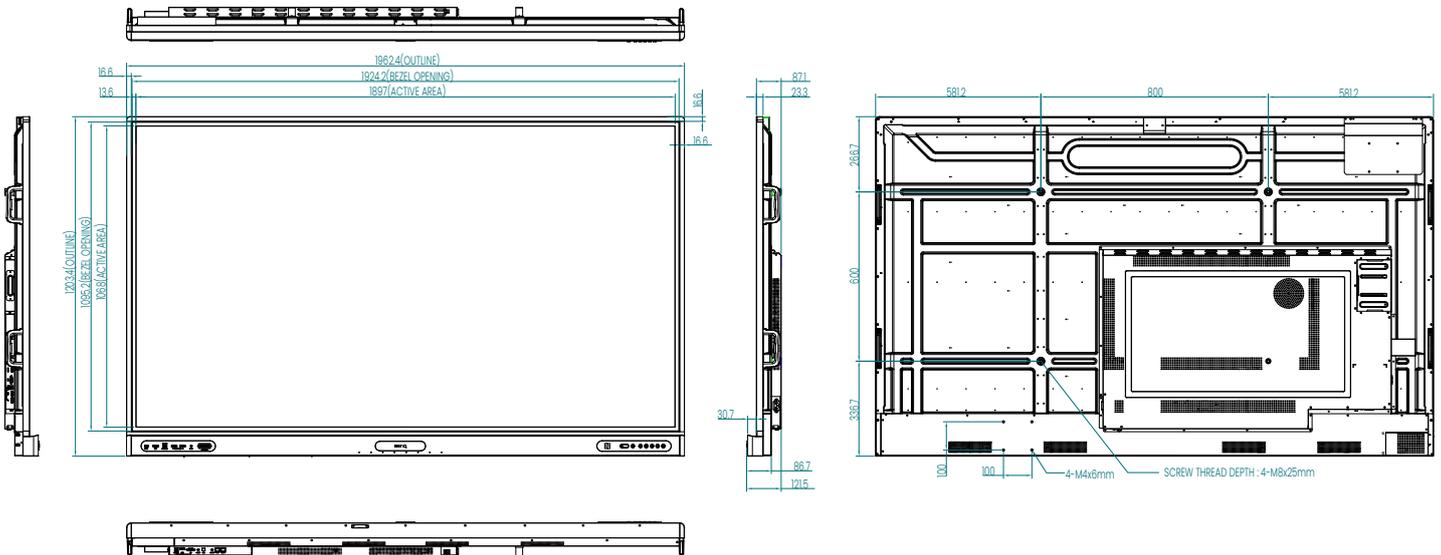
DOWN I/O



SIDE I/O



DIMENSIONS (MM)



BenQ



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