

RP8604

Pro Series



EDLA-certified: with the Pro Series, you get easy access to all core Google apps such as Chrome, Docs and YouTube, as well as your favourite apps on the Google Play Store. You can also enjoy compatibility with Microsoft apps and tools such as Word, PowerPoint, Excel, and Teams for a versatile collaboration experience.



Better device security: AMS and DMS, BenQ's free built-in software, provide secure login options, strict access controls, and regular system updates alongside additional protection against app vulnerabilities through Google Play Protect.



ClassroomCare®: the Pro Series offers comprehensive ClassroomCare® protection. The RP04, the first Eyesafe® Certified 2.0 smart board with an RPF®50 rating, prioritises user vision safety. Its air quality sensor and built-in air ioniser ensure purification by monitoring and reducing pollutants. Additionally, TÜV and SIAA germ-resistant technology minimises the spread of germs on screens and peripherals.

Panel	Screen size	86"	
	Resolution	4K UHD 3840 x 2160	
	Brightness (typ.) w/ glass	400 nits	
	Contrast ratio (typ.)	1200 : 1	
	Dynamic contrast ratio	50,000 : 1	
	Viewing angle (H/V)	178°	
	Response time (G-t-G)	8 ms	
	Backlight life (hrs)	50,000	
	Panel surface	AG, Haze 25%	
	Operating hours	18 / 7	
Platform solution	System memory	8GB	
	Storage	64GB	
	OS	Android 13.0	
	GMS integration	Yes	
Power	Power supply	100V-240V, 50-60Hz	
	Power consumption	Maximum (W/h)	619.6
		Typical (W/h)	164.4
		Standby mode (W/h)	<0.5
	AC power switch	Yes	
Wake up	LAN / HDMI / VGA / DP		
Touch	Technology	Fine IR+	
	Number of touch points	up to 50	
	Interface	USB Type B x 3	
Glass	Tempered glass	3.2 mm	
	Hardness	9H	
	AG coating	Yes	
ClassroomCare® Technology	Eye care solution: flicker-free & low blue light	Smart eye care (certified by TÜV & Eyesafe® 2.0)	
	Air quality sensors & air ioniser	CO ₂ - PM _{2.5} - TVOC, temperature & humidity, air ioniser	
	Germ-resistant screen	Yes (certified by TÜV & SIAA)	
Environment	Operating temperature	0°C ~ 40°C	
	Operating humidity	10% ~ 90% RH non-condensing	
	Energy efficiency	Energy Star 8.0 Certified	
Connectivity	Input	VGA x 1, HDMI 2.0 x 4, Display port 1.2a x 1, Audio (3.5 mm) x 1, PC Audio (3.5 mm) x 1	
	Output	HDMI 2.0 x 1, Earphone-Audio (3.5 mm) x 1, SPDIF (Optical) x 1	
	USB	Type A x 8 (2.0 x 1 / 3.0 x 7), Type B x 3 (3.0), Type C x 4 (3.0 x 2 / 2.0 (PD 65 W) x 1 / 3.0 (PD 100 W) x 1)	
	RS232	x 1	
	RJ45 (LAN)	x 2 (Android / OPS) up to 1000Mbps	
	Remote controller	x 1	
	Built-in speaker	20W x 2 + subwoofer 16W x 1	
Audio	Array microphones	x 8 (Max. pickup range 8m)	
Mechanical	Screen dimension (mm)	1957.0 x 1200.5 x 117.7	
	Net / Gross weight (kg)	64.7 / 79.6	
	Bezel width (mm)	16.6 16.6 16.6 16.6	
	Wall mounting (VESA) (screw type / max. length)	VESA 800 x 600 mm (4 x M8 x 25L), wall mount kit included	
	OPS slot, NFC sensor, pen tray	Yes	
Stylus	x 2		
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 types of content.



X-Sign Broadcast

Announcement system with cross-campus communication. Send visual alerts, warnings, and 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

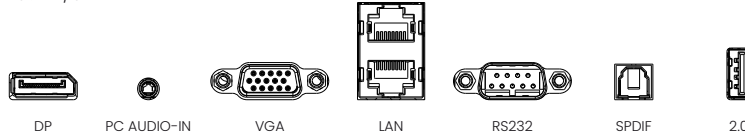
FRONT I/O



NFC SENSOR & KEYPAD BUTTONS



DOWN I/O



TOP I/O CAMERA PORTS



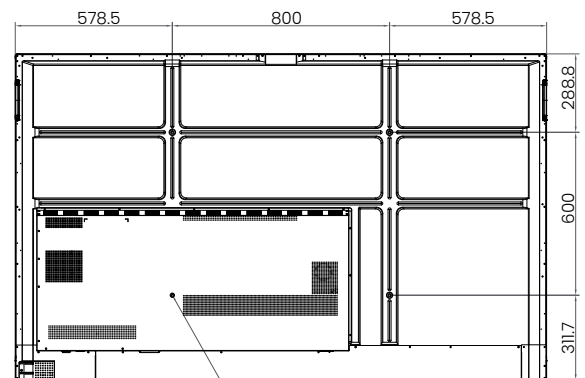
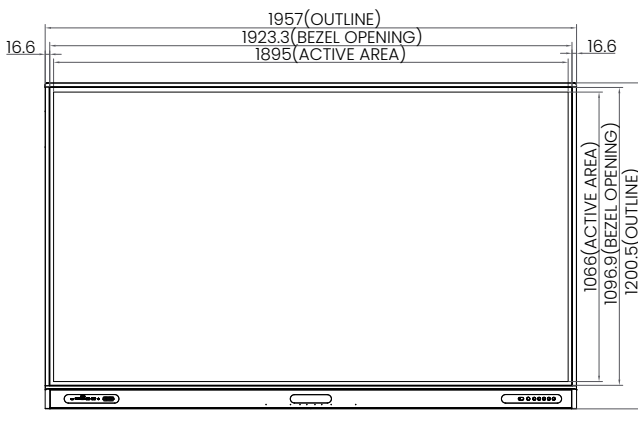
SIDE I/O (LEFT)



WIFI DONGLE & REMOTE CONTROLLER PORTS



DIMENSIONS (MM)



SCREW THREAD DEPTH : 4-M8x25mm

BenQ



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