

BenQ

RM8604

Master Series



EDLA-certified: with the Master 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 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®: BenQ displays are the only ones on the market certified by TÜV, SIAA and Eyesafe® 2.0 for efficacy and safety. While the eye-care solution (anti-glare, flicker-free, and low blue light screen) safeguards the users' vision without affecting colour vibrancy shown on the display, the germ-resistant screen, interfaces, and pens protect students and teachers from germs.



Panel	Screen size	86"	
	Resolution	4K UHD 3840 x 2160	
	Brightness	450 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%	
Platform solution	Operating hours	18 / 7	
	Orientation	Landscape	
	System memory	8GB	
	Storage	128GB	
	OS	Android 14.0	
Power	GMS integration	Yes	
	Power supply	100V~240V, 50~60Hz	
	Power consumption (W/h)	Maximum	563
		Typical	168.9
		Standby mode	<0.5
Touch	AC power switch	Yes	
	Wake up	LAN / HDMI / VGA / DP	
	Technology	High Precision IR	
	Number of touch points	up to 40	
Glass	Interface	USB Type B x 3	
	Tempered glass	3.2 mm	
	Hardness	9H	
ClassroomCare® Technology	AG coating	Yes	
	Eye care solution: flicker-free & low blue light	Yes (certified by TÜV & Eyesafe® 2.0)	
	Air quality sensors & air ioniser	No	
	Germ-resistant screen	Yes (certified by TÜV, SIAA & SGS)	
Environment	Operating temperature	0°C ~ 40°C	
	Operating humidity	20% ~ 80% RH non-condensing	
	Energy efficiency	Energy Star 8.0 Certified	
Connectivity	Input	VGA x 1, HDMI 2.0 x 3, 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 7 (2.0 x 2 / 3.0 x 5), Type B x 3 (3.0 x 3), Type C x 3 (3.0 x 2 / 3.0 PD 65 W x 1)	
	RS232	x 1	
	RJ45 (LAN)	x 2 (Android / OPS) up to 1000Mbps	
	Wireless connectivity	Built-in WD02AT (Wi-Fi 6 + Bluetooth 5.2)	
	Remote controller	x 1	
	Built-in speaker	20W x 2	
	Array microphones	x 8 (max. pickup range 8m)	
	Screen dimension (mm)	1962.4 x 1174.9 x 87.1	
Mechanical	Net /Gross weight (kg)	65.2 / 82.9	
	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	Yes	
	NFC sensor	Yes	
	Stylus	x 2	

→ Specifications subject to change without notice.

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

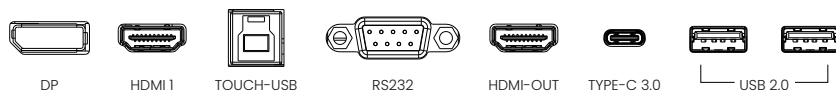
FRONT I/O



DOWN I/O



SIDE I/O



NFC SENSOR & KEYPAD BUTTONS



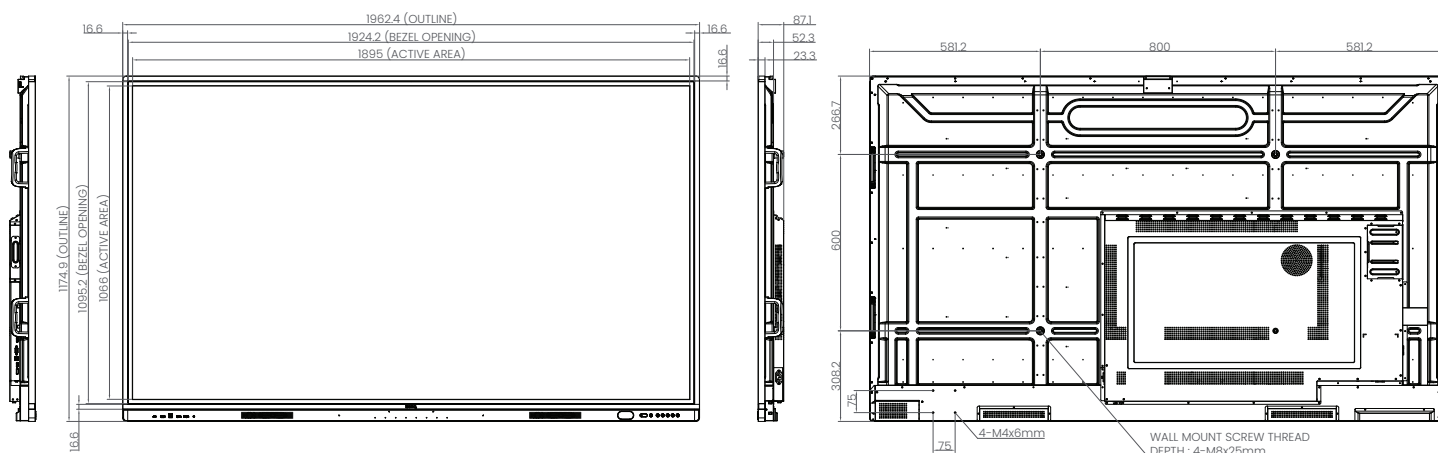
TOP I/O CAMERA PORTS



WIFI DONGLE & REMOTE CONTROLLER PORTS



DIMENSIONS (MM)



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