

BenQ Education

RM8604

Google EDLA-Certified Interactive Display



Google-powered lessons with EDLA certification: access a wide range of educational apps from **Google Play Store**; benefit from Google Core Services like Google Drive; and utilise Google Docs, Sheets, and Slides seamlessly on a large interactive display to enhance collaboration in your classrooms.



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 in 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.

→ Specifications subject to change without notice.

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	
Orientation	Landscape		
Platform solution	System memory	8GB	
	Storage	32GB	
	OS	Android 13.0	
	GMS integration	Yes	
Power	Power supply	100V-240V, 50-60Hz	
	Power consumption	Maximum (W/h)	563
		Typical (W/h)	169.4
		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 40	
	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	Yes (certified by TÜV & Eyesafe® 2.0)	
	Air quality sensors & air ioniser	No	
	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 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	
	Remote controller	x 1	
	Built-in speaker	20W x 2 (max)	
Audio	Array microphones	x 8 (max. pickup range 8m)	
Mechanical	Screen dimension (mm)	1962.4 x 1174.9 x 87.1	
	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 (w/o NFC tag)		
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



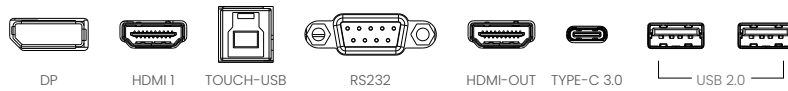
DOWN I/O



TOP I/O CAMERA PORTS



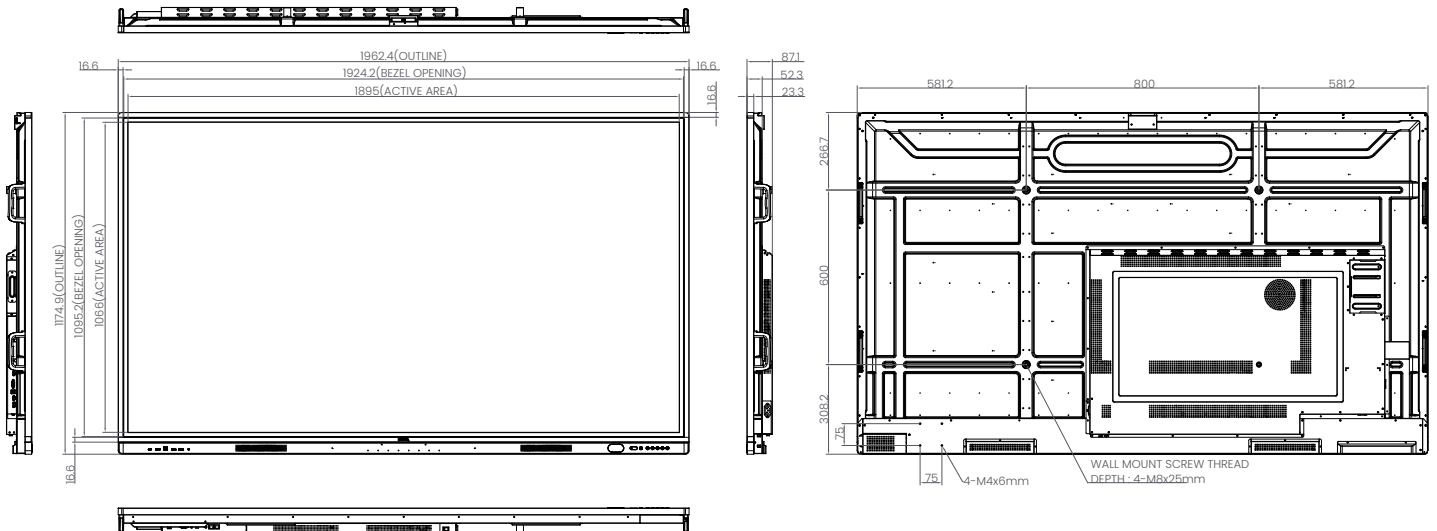
SIDE I/O



WIFI DONGLE & REMOTE CONTROLLER PORTS



DIMENSIONS (MM)



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