

BenQ

RE8604

Essential Series



EDLA-certified: the RE04 seamlessly integrates Google services with BenQ's reliable hardware and software. Easily access your favourite education apps through the Google Play Store, as well as Google and Microsoft apps and tools to enhance your lessons.



Better device security: safeguard your data through the RE04's secure login options and access controls, regular system updates, and built-in Google Play Protect and Safe Browsing measures.



Eye care technologies: including the RE04's low blue light filter and flicker-free screen, help reduce eye strain in class, while its antiglare 4K screen ensures clear images every time.

EDLA-CERTIFIED



Panel	Screen size	86"
	Resolution	4K UHD 3840 x 2160
	Brightness	450 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
	Panel surface	AG, Haze 25%
	Operating hours	18 / 7
Platform solution	Orientation	Landscape
	System memory	8GB
	Storage	128GB
	OS	Android 14.0
	GMS integration	Yes
Power	CPU	A73 × 4 + A53 × 4
	GPU	G52 MP8
	Power supply	100V~240V, 50~60Hz
	Typical power consumption (W/h)	106.8
Touch	AC power switch	Yes
	Wake up	LAN / HDMI / VGA / DP
	Technology	Precision IR
Glass	Number of touch points	Up to 40
	Interface	USB Type B x 2
	Tempered glass	3.2 mm
ClassroomCare® Technology	Hardness	9H
	AG coating	Yes
	Eye care solution: flicker-free & low blue light (TÜV-certified)	Yes
	Air quality sensors & air ioniser	No
Environment	Germ-resistant screen	No
	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, DisplayPort 1.2 x 1, Mic-in (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 4 (2.0 x 2 / 3.0 x 2), Type B x 2 (2.0), Type C x 2 (2.0 x 1 / 3.0 (PD 65 W) x 1)
	RS232	x 1
	RJ45 (LAN)	x 2 (Android / OPS) up to 1000Mbps
	Wireless connectivity	Optional WD02AT (Wi-Fi 6 + Bluetooth 5.2)
	Remote controller	x 1
	Built-in speaker	20W x 2
	Array microphones	No
Mechanical	Screen dimension (mm)	1961.8 × 1179.7 × 87.7
	Net / Gross weight (kg)	63.4/ 80.2
	Bezel width (mm)	33 48.3 17.2 17.2
	Wall mounting(VESA) (screw type / max. length)	VESA 800 × 600 mm (4 × M8 × 25L), wall mount kit included
	OPS slot	Yes
	Micro SD reader	x1 (expandable up to 512GB)
	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.

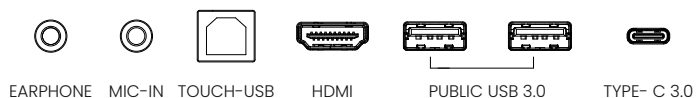


DMS

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

INPUT AND OUTPUT TERMINALS

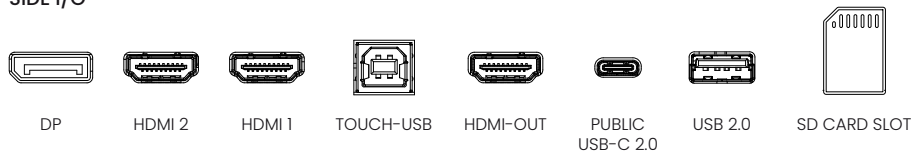
FRONT I/O



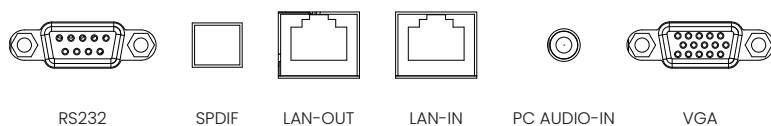
SENSOR & KEYPAD BUTTONS



SIDE I/O



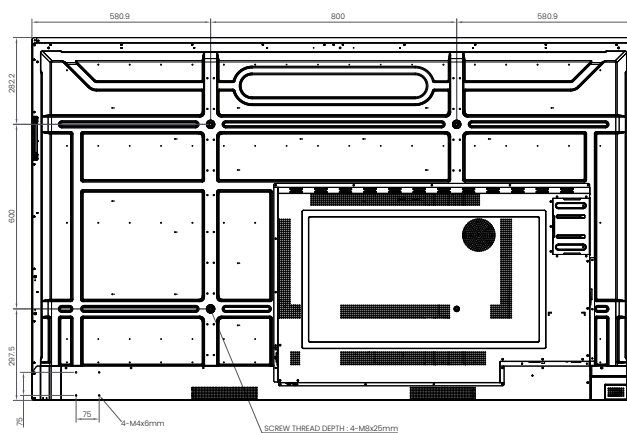
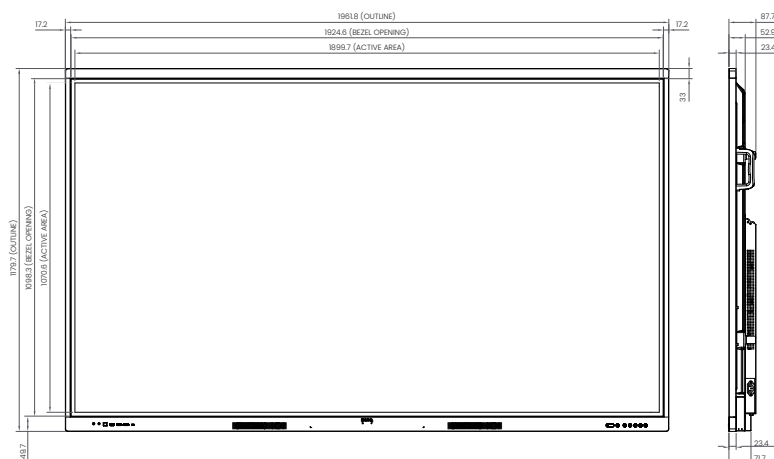
DOWN I/O



SECURED WIFI DONGLE INPUT PORT



DIMENSIONS (MM)



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