

BenQ

RE8605E



EDLA-certified with Enhanced Security:

The EDLA-certified RE8605E seamlessly integrates Google services with BenQ's reliable hardware and software. Easily access education apps via Google Play Store, along with Google and Microsoft tools, while benefiting from robust security features such as secure login options, access controls, regular system updates, and built-in Google Play Protect and Safe Browsing.



Advanced Management Solutions (DMS & AMS):

The RE8605E series features BenQ's cloud-based DMS and AMS, providing centralised control of displays and user accounts from a single dashboard. DMS simplifies device setup with quick onboarding, remote configuration, app management, firmware updates, and task automation, while offering real-time analytics and energy usage insights. AMS ensures secure, personalised access with single sign-on and integration with cloud storage platforms such as Google Drive, OneDrive, and Nextcloud, keeping user data separate and allowing customised settings for a consistent user experience.



Eye care technologies:

The RE8605E interactive display is equipped with eye protection technologies, including a low blue light filter and a flicker-free screen to reduce eye strain in the classroom, as well as an anti-glare 4K display for clear images.



Panel	Screen size	86"
	Resolution	UHD 3840 × 2160
	Brightness	450 nits
	Typical contrast ratio	1200:1
	Dynamic contrast ratio	50,000:1
	Viewing angle (H/V)	178° / 178°
	Response time	8 ms
	Backlight life	50,000 hrs
	Panel surface	AG, Haze 25%
System	Operating hours	18 hours / 7 days
	Orientation	Landscape
	Memory Storage	8 GB 128 GB
	OS	Android 16.0 (EDLA)
	GPU	Mali-G52 MC3
Power	CPU	Octa-Core (A72 × 4 + A53 × 4)
	NPU	6 TOPS
	Power supply	AC 100-240 V, 50/60 Hz
	Power consumption	Typical 104 W
	Standby	<0.5 W
Touch	AC power switch	Yes
	ENERGY STAR®	Yes
	Wake up	HDMI
Glass	Technology	Precision IR
	Number of touch points	up to 40
ClassroomCare® Technology	Interface	USB Type-B × 2
	Thickness	3.5 mm
	Hardness	9H tempered
Environment	AG coating	Yes
	Eye care: flicker-free & low blue light	Yes (TÜV-certified)
	Air quality sensors & air ioniser	No
Connectivity	Germ-resistant screen	No
	Operating temperature	0°C ~ 40°C
Built-in peripherals	Operating humidity	20% ~ 80% RH non-condensing
	Input	HDMI 2.0 × 3, Mic (3.5 mm) × 1
	Output	HDMI 2.0 × 1, Earphone (3.5 mm) × 1, SPDIF (Optical) × 1
	USB	Type-A × 4 (3.0 × 3 / 2.0 × 1), Type-B × 2 (2.0), Type-C × 2 (2.0 × 1 [4-in-1: video, audio, touch, PD 15 W] / 2.0 × 1 [data, PD 65 W])
	RS-232 (In)	× 1
	RJ45 (LAN)	× 1 (Android: up to 1000 Mbps / OPS: up to 100 Mbps)
	Wireless connectivity	Optional WD02AT (Wi-Fi 6, Bluetooth 5.2)
	OPS slot (for slot-in PC)	× 1
	Micro SD reader	No
	Speaker	20 W × 2
Physical	Microphones	No
	NFC sensor	No
	Dimensions (W × H × D)	1950.0 × 1153.8 × 101.1 mm
Accessories	Weight (product shipping)	54.5 kg 66.5 kg
	Bezel width (T B L R)	15 48.7 15 15 mm
Accessories	Wall mounting (VESA) (screw type / max. length)	VESA 800 × 600 mm (4 × M8 × 24L), wall mount kit included
	Remote control	× 1
	Stylus	× 2 (PT06)
Accessories	Cables	HDMI (3 m) × 1, USB-B for touch (3 m) × 1, Type-C (1.5 m) × 1



ENERGY STAR®
The energy-efficient design of the RE8605E displays meets ENERGY STAR® standards and can reduce power consumption by up to 70%.



Sustainable packaging
We've reduced our transport and logistics footprint by increasing the loading rate by 60%.



Remote energy control
Lower unnecessary power use with DMS by remotely powering displays on/off and setting schedules.

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

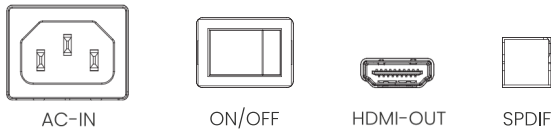
Device Management Solution centrally oversees all displays to get real-time status information, deploy OTA updates & more.

INPUT AND OUTPUT TERMINALS

FRONT I/O



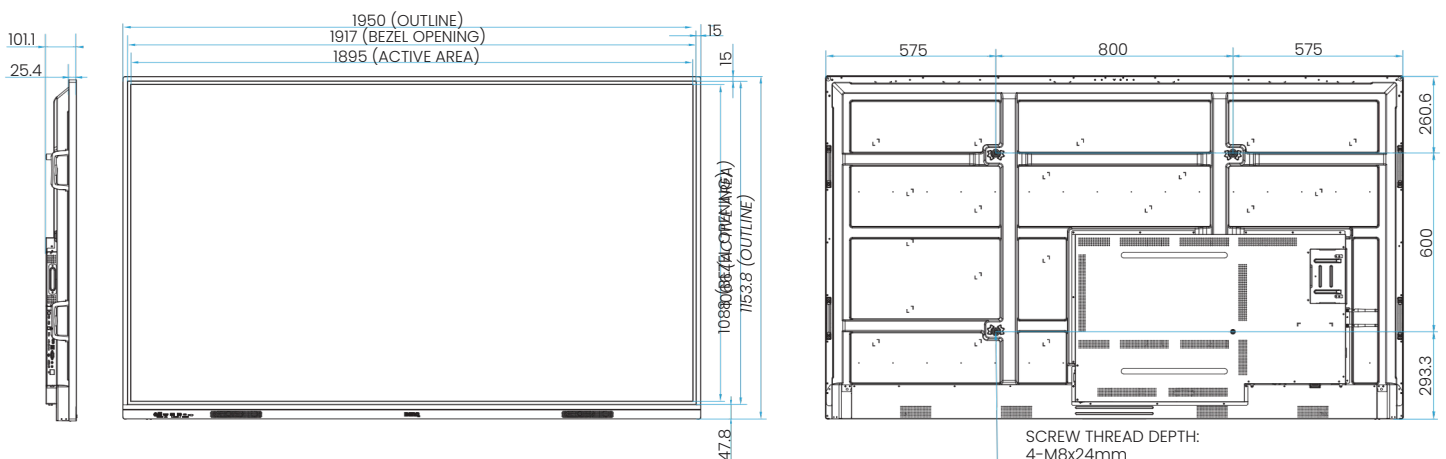
DOWN I/O



SIDE I/O (RIGHT)



DIMENSIONS (MM)



5 year de/re-install warranty upon registration within 30 days of purchase.



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