

BenQ Education

RE8603A

Essential Series



Eye-care solution minimises blue light exposure and allows for healthier time spent in front of the display, helping you create the best and most comfortable viewing experience for you and your students.



The **EZWrite 6** software has been updated with innovative features, making the cloud whiteboard simple and straightforward to use. Teachers can share their work from the interactive display, whilst every student can collaborate and work together using their own devices, without installing any software. With this tool, hybrid learning becomes smoother.



BenQ's **Device Management Solution (DMS)** allows IT teams to control, update and troubleshoot every device across campus, remotely. **Account Management System (AMS)** provides personalised workspaces including access to cloud files and tailored device settings.

Panel	Screen size	86"		
	Resolution	4K UHD 3840 x 2160		
	Brightness (typ.) w/ glass	400 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	4GB		
Power	Storage	32GB		
	OS	Android 11.0		
	Power consumption	Power supply	100V~240V, 50-60Hz	
		Maximum (W/h)	500	
Typical (W/h)		154		
Touch	Standby mode (W/h)	<0.5		
	AC power switch	Yes		
	Wake up	LAN / HDMI / VGA		
Glass	Technology	Precision IR		
	Number of touch points	up to 40		
	Interface	USB Type B x 2		
ClassroomCare® Technology	Tempered glass	3.2 mm		
	Hardness	9H		
	AG coating	Yes		
Environment	Eye care solution: flicker-free & low blue light (TÜV-certified)	Yes		
	Air quality sensors	No		
	Air ioniser	No		
	Germ-resistant screen (TÜV- & SIAA-certified)	No		
Connectivity	Operating temperature	0°C ~ 40°C		
	Operating humidity	20% ~ 85% RH non-condensing		
	Energy efficiency	Energy Star 8.0 Certified		
Audio	Input	VGA x 1, HDMI 2.0 x 3, Display port 1.2a x 1, PC Audio (3.5 mm) x 1		
	Output	Earphone-Audio (3.5 mm) x 1, SPDIF (Optical) x 1		
	USB	Type A x 4 (2.0 x 1 / 3.0 x 3), Type B x 2 (2.0), Type C x 1 (2.0)		
	RS232	x 1		
	RJ45 (LAN)	x 2 (Android / OPS) up to 1000Mbps		
	Remote controller	x 1		
Mechanical	Built-in speaker	20W x 2 (max)		
	Array microphones	No		
	Screen dimension (mm)	1953 x 1172.3 x 90.2		
	Net / Gross weight (kg)	63.1 / 81.1		
	Bezel width (mm)	30.1 45.5 15.1 15.1		
Warranty	Wall mounting (VESA) (screw type / max. length)	800 x 400 (4 x M8 x 25L)		
	Wall mount kit	Included		
	OPS slot	Yes		
	Stylus	x 2 (magnetic)		
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



TOUCH-USB HDMI PUBLIC 3.0 PUBLIC 2.0 TYPE-C

SIDE I/O



PUBLIC 3.0 3.0 DP TOUCH-USB HDMI 1 HDMI 2 VGA PC AUDIO-IN

SENSOR & KEYPAD BUTTONS

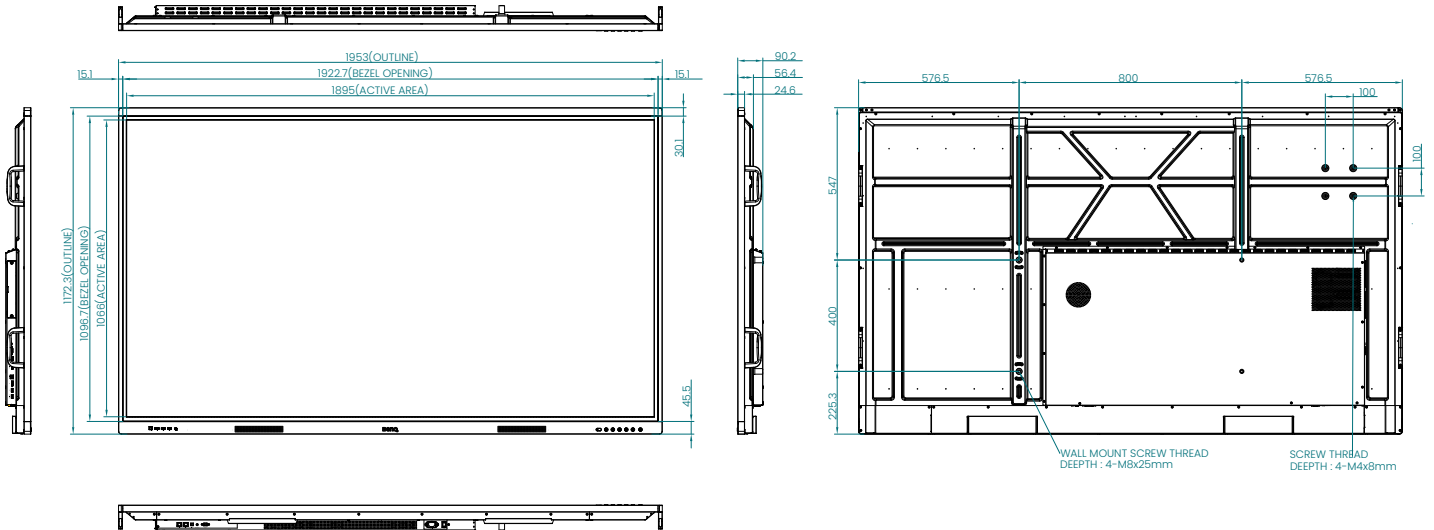


BOTTOM I/O



RS232 EARPHONE SPDIF LAN-IN LAN-OUT

DIMENSIONS (MM)



BenQ



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