BenQ Education

RE8603
Essential Series

Eye-care solution can function by activating eye-care mode. BenQ's Eye-care technology 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 an easy reality.

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.

Category	Specification		Value
Panel	Screen size		86"
	Resolution		4K UHD 3840 x 2160
	Brightness (typ.)		350 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
	Orientation		Landscape
Platform solution	System memory		4GB
	Storage		32GB
	OS		Android 11.0
Power	Power supply		100V~240V, 50-60Hz
	Power consumption	Maximum (W/h)	542
		Typical (W/h)	135
		Standby mode (W/h)	<0.5
	AC power switch		Yes
	Wake up		LAN / HDMI / VGA
Touch	Technology		IR
	Number of touch points		up to 40
	Interface		USB Type B x 2
Glass	Tempered glass		3.2 mm
	Hardness		9H
	AG coating		Yes
ClassroomCare® Technology	Eye-Care Solution - Flicker-Free & Low Blue Light (TÜV certified)		Yes
	Air-Quality Sensor		No
	Germ-Resistant Screen (TÜV & SIAA certified)		No
Environment	Operation 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, Audio (3.5 mm) x 1
	Output		HDMI 2.0 x 1, Audio (3.5 mm) x 1
	USB		Type A x 7 (2.0 x 2 / 3.2 x 5), Type B x 2 (2.0 x 1 / 3.0 x 1), Type C x 1 (3.1)
	RS232		x 1
	RJ45 (LAN)		10 / 100 / 1000 Mbps (Android)
	Remote controller		x 1
Audio	Built-in speaker		16W x 2
	Dolby Audio		No
	Array microphones		No
Mechanical	Screen dimension (mm)		1957 × 1159.9 × 99.7 mm
	Weight (kg)	Net weight	59.9
		Gross weight	76.6
	Bezel width (mm)		16.4	44.9	16.4	16.4
	Wall mounting (VESA) (screw type / max. length)		VESA 800 × 600 mm (4 × M8 × 25L)
	Wall mount kit		Included
	OPS slot		Yes
	NFC sensor		No
	Pen tray		No
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 type of content.

X-Sign Broadcast
Announcement system with cross-campus communication. Send visual alerts, warnings, 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.
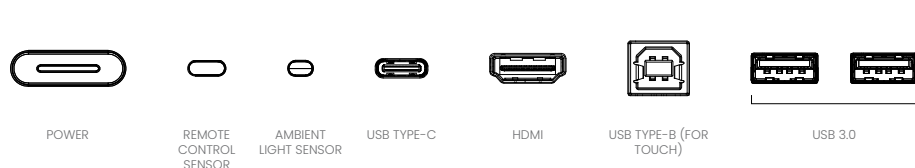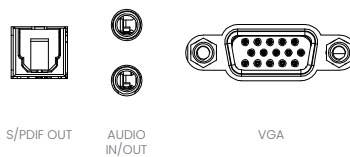
DMS
Device Management Solution centrally oversees all displays to get real-time status information, deploy OTA updates & more.
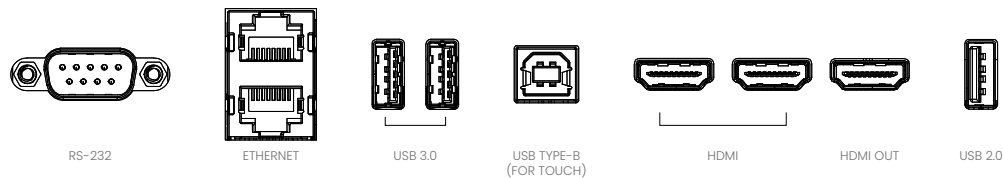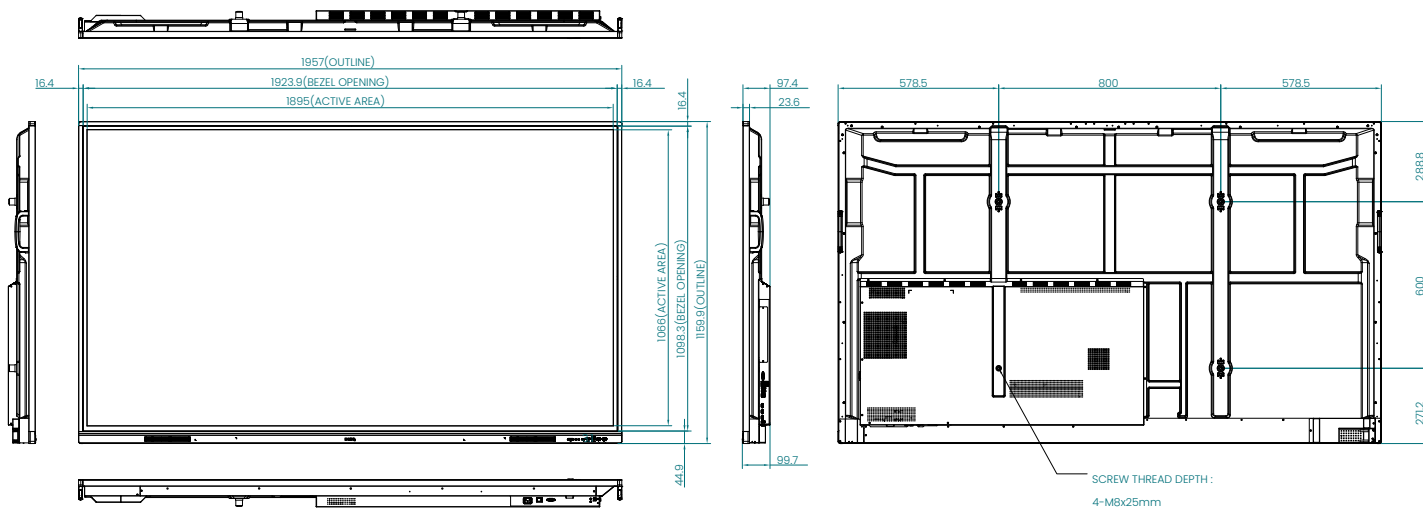
INPUT AND OUTPUT TERMINALS

FRONT I/O

POWER | REMOTE CONTROL SENSOR | AMBIENT LIGHT SENSOR | USB TYPE-C | HDMI | USB TYPE-B (FOR TOUCH) | USB 3.0

BOTTOM I/O

S/PDIF OUT | AUDIO IN/OUT | VGA

SIDE I/O

RS-232 | ETHERNET | USB 3.0 | USB TYPE-B (FOR TOUCH) | HDMI | HDMI OUT | USB 2.0

DIMENSIONS (MM)

1957(OUTLINE)
1923.9(BEZEL OPENING)
1895(ACTIVE AREA)
16.4 · 16.4 · 16.4
97.4 · 23.6
99.7
44.9

1066(ACTIVE AREA)
1098.3(BEZEL OPENING)
1159.9(OUTLINE)

578.5 · 800 · 578.5
288.8 · 600 · 271.2

SCREW THREAD DEPTH :
4-M8x25mm

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