BenQ

RE8604A

Essential Series

EDLA-CERTIFIED

EDLA-certified with Enhanced Security: The EDLA-certified RE04A 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 Device Management Solution (DMS): The RE04A series features BenQ's cloud-based DMS, enabling centralised management of all BenQ displays from a single dashboard. This solution simplifies device setup with quick onboarding options. Administrators can remotely control display settings, manage app installations & blocking, schedule firmware updates, and automate tasks like startup and shutdown times. Additionally, DMS provides real-time analytics and energy consumption reports, facilitating efficient monitoring and decision-making.

Eye care technologies: Including the RE04A's low blue light filter and flicker-free screen, help reduce eye strain in class, while its anti-glare 4K screen ensures clear images every time.

→ Specifications subject to change without notice.

Category	Specification	Value
Panel	Screen size	86"
	Resolution	4K UHD 3840 x 2160
	Brightness	450 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	64GB
	OS	Android 14.0
	GMS integration	Yes
	CPU	A73 × 4
Power	Power supply	100V~240V, 50-60Hz
	Typical power consumption (W/h)	157.2
	AC power switch	Yes
	Wake up	LAN / HDMI
Touch	Technology	Precision 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 sensors & air ioniser	No
	Germ-resistant screen	No
Environment	Operating temperature	0°C ~ 40°C
	Operating humidity	20% ~ 80% RH non-condensing
	Energy efficiency	ENERGY STAR® 8.0-certified
Connectivity	Input	HDMI 2.0 x 3, Mic-in (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 5 (2.0 x 1 / 3.0 x 4), 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
Audio	Built-in speaker	20W x 2
	Array microphones	No
Mechanical	Screen dimension (mm)	1961.8 × 1163.9 × 87.7
	Net / Gross weight (kg)	62.5 / 80.2
	Bezel width (mm)	17.2	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	Yes (up to 512GB)
	Stylus	x 2

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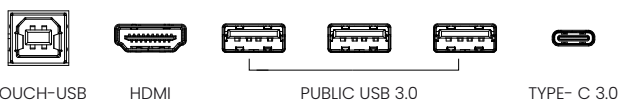
DMS
Device Management Solution centrally oversees all displays to get real-time status information, deploy OTA updates & more.
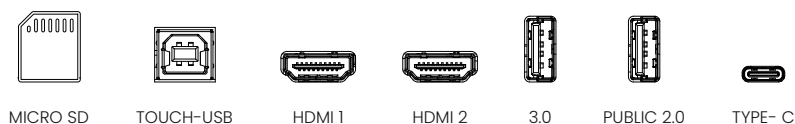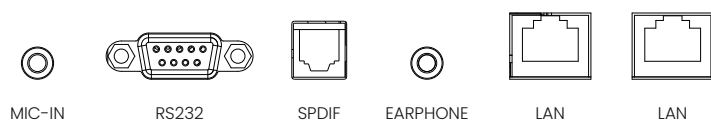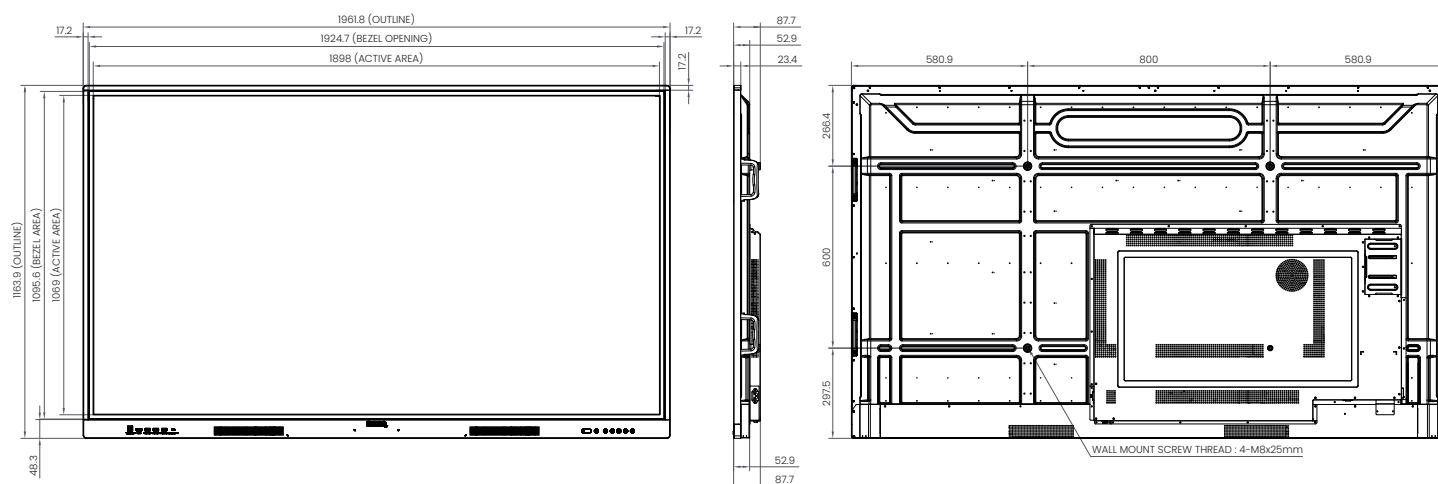
INPUT AND OUTPUT TERMINALS

FRONT I/O

| TOUCH-USB | HDMI | PUBLIC USB 3.0 | TYPE- C 3.0 |

SENSOR & KEYPAD BUTTONS

SIDE I/O

| MICRO SD | TOUCH-USB | HDMI 1 | HDMI 2 | 3.0 | PUBLIC 2.0 | TYPE- C |

DOWN I/O

| MIC-IN | RS232 | SPDIF | EARPHONE | LAN | LAN |

SECURED WIFI DONGLE INPUT PORT

PUBLIC 2.0

DIMENSIONS (MM)

17.2
1961.8 (OUTLINE)
1924.7 (BEZEL OPENING)
1898 (ACTIVE AREA)
17.2
17.2

87.7
52.9
23.4

580.9
800
580.9

1163.9 (OUTLINE)
1095.6 (BEZEL AREA)
1069 (ACTIVE AREA)

266.4
600
297.5

48.3
52.9
87.7

WALL MOUNT SCREW THREAD : 4-M8x25mm

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www.benq.eu/en-eu/education.html