

BenQ

RE6504A

Essential Series



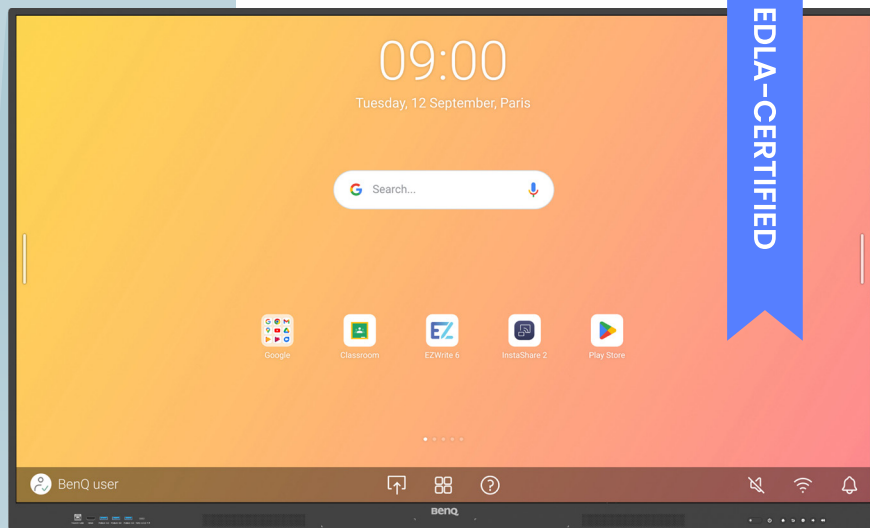
EDLA-certified with Enhanced Security: The EDLA-certified RE04A seamlessly integrates Google services with BenQ's reliable hardware and software. Easily access education apps via Google Play Store, along with Google and Microsoft tools, while benefiting from robust security features such as secure login 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.



Panel	Screen size	65"
	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%
Platform solution	Operating hours	18 / 7
	Orientation	Landscape
	System memory	8GB
	Storage	64GB
Power	OS	Android 14.0
	GMS integration	Yes
	CPU	A73 × 4
	Power supply	100V~240V, 50~60Hz
Touch	Typical power consumption (W/h)	114.8
	AC power switch	Yes
	Wake up	LAN / HDMI
	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	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
	Built-in speaker	20W x 2
	Array microphones	No
Mechanical	Screen dimension (mm)	1482.1 × 891.4 × 87.7
	Net / Gross weight (kg)	36.4 / 49.3
	Bezel width (mm)	17.2 48.3 17.2 17.2
	Wall mounting(VESA) (screw type / max. length)	VESA 600 × 400 mm (4 × M8 × 25L), wall mount kit included
	OPS slot	Yes
	Micro SD reader	Yes (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.

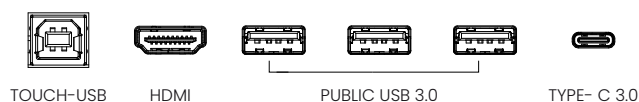


DMS

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

INPUT AND OUTPUT TERMINALS

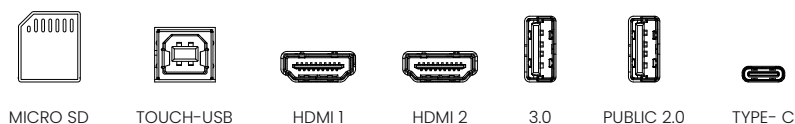
FRONT I/O



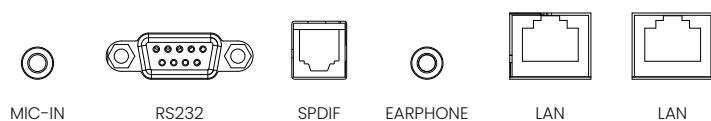
SENSOR & KEYPAD BUTTONS



SIDE I/O



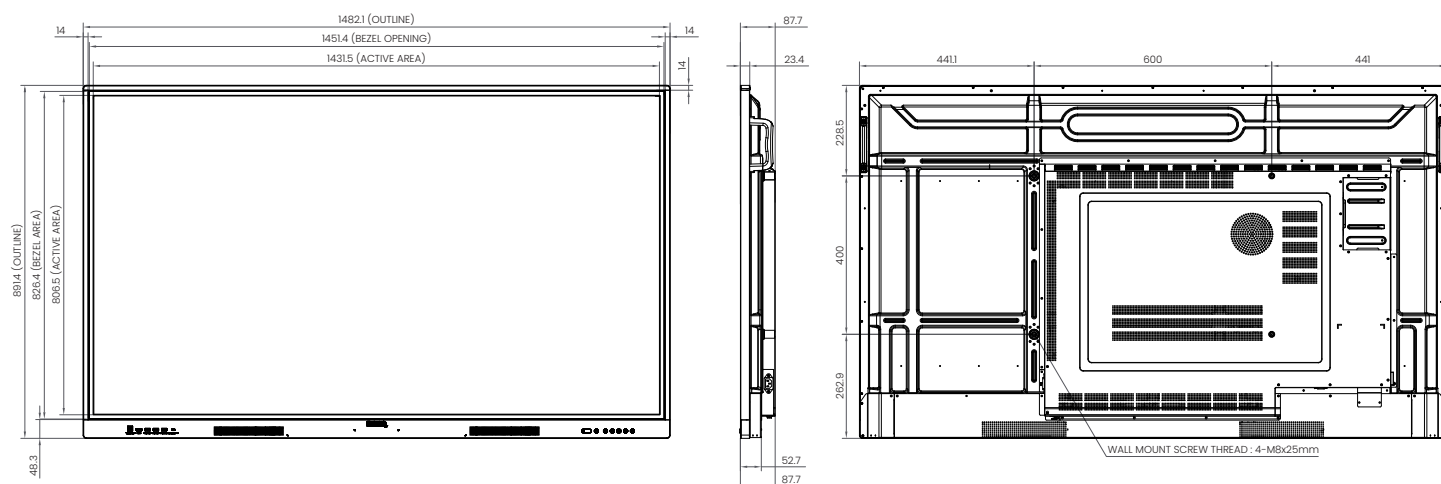
DOWN I/O



SECURED WIFI DONGLE INPUT PORT



DIMENSIONS (MM)



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Warranty terms and conditions may change based on the country of purchase and local regulations.



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