BenQ

RE6505E

Essential Series



EDLA-certified with Enhanced Security:

The EDLA-certified RE6505E 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 RE6505E 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 RE6505E 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.

→ Specifications subject to change without notice.

Panel	**Screen size**		65"
	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%
	Operating hours		18 hours / 7 days
	Orientation		Landscape
System	**Memory | Storage**		8 GB | 128 GB
	OS		Android 16.0 (EDLA)
	GPU		Mali-G52 MC3
	CPU		Octa-Core (A72 × 4 + A53 × 4)
	NPU		6 TOPS
Power	**Power supply**		AC 100-240 V, 50/60 Hz
	Power consumption	**Typical**	63 W
		Standby	<0.5 W
	AC power switch		Yes
	ENERGY STAR®		Yes
	Wake up		HDMI
Touch	**Technology**		Precision IR
	Number of touch points		up to 50
	Interface		USB Type-B × 2
Glass	**Thickness**		3.5 mm
	Hardness		9H tempered
	AG coating		Yes
ClassroomCare® Technology	**Eye care: flicker-free & low blue light**		Yes (TÜV-certified)
	Air quality sensors & air ioniser		No
	Germ-resistant screen		No
Environment	**Operating temperature**		0°C ~ 40°C
	Operating humidity		20% ~ 80% RH non-condensing
Connectivity	**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: 1 × 2.0 + 3 × 3.2 Gen 1 × 1; Type-B: 2 × 2.0; Type-C: 1 × 2.0 (video/audio/touch/PD 15 W, no data) + 1 × 2.0 (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
Built-in peripherals	**Speaker**		20 W × 2
	Microphones		No
	NFC sensor		No
Physical	**Dimensions (W × H × D)**		1483.5 × 891.3 × 100.9 mm
	Weight (product | shipping)		32.0 kg | 41.5 kg
	Bezel width (T | B | L | R)		15 | 48.7 | 15 | 15 mm
	Wall mounting (VESA) (screw type / max. length)		VESA 400 × 400 mm (4 × M8 × 22L), wall mount kit included
Accessories	**Remote control**		× 1
	Stylus		× 2 (PT06)
	Cables		HDMI (3 m) × 1 , USB-B for touch (3 m) × 1 , Type-C (1.5 m) × 1

Because Earth Matters

ENERGY STAR®
The energy-efficient design of the RE6505E 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.

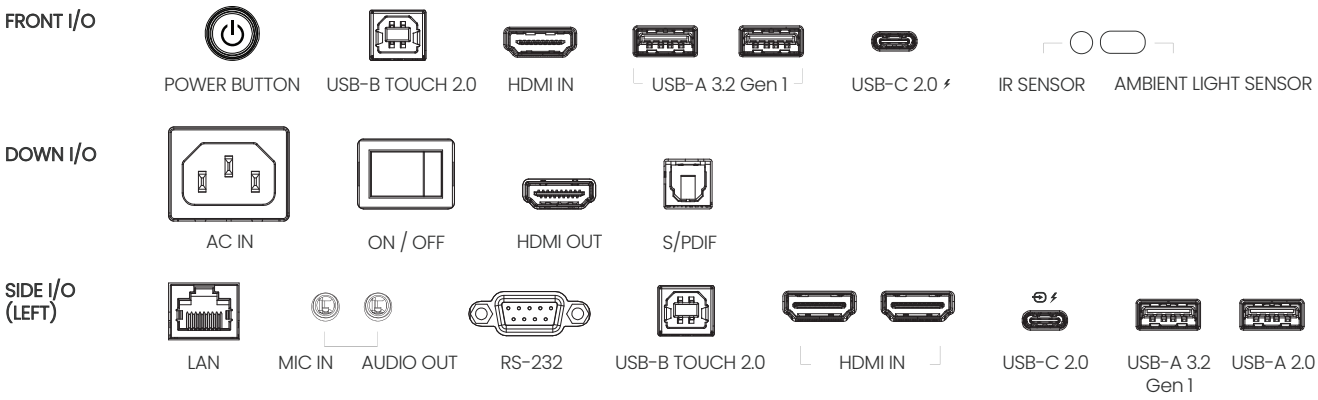
InstaShare 2
Wireless screen sharing & casting from any device. Share several screens simultaneously, with different types of content.

X-Sign Broadcast
Announcement system with cross-campus communication. Send visual alerts, warnings, and videos to all or one specific device.

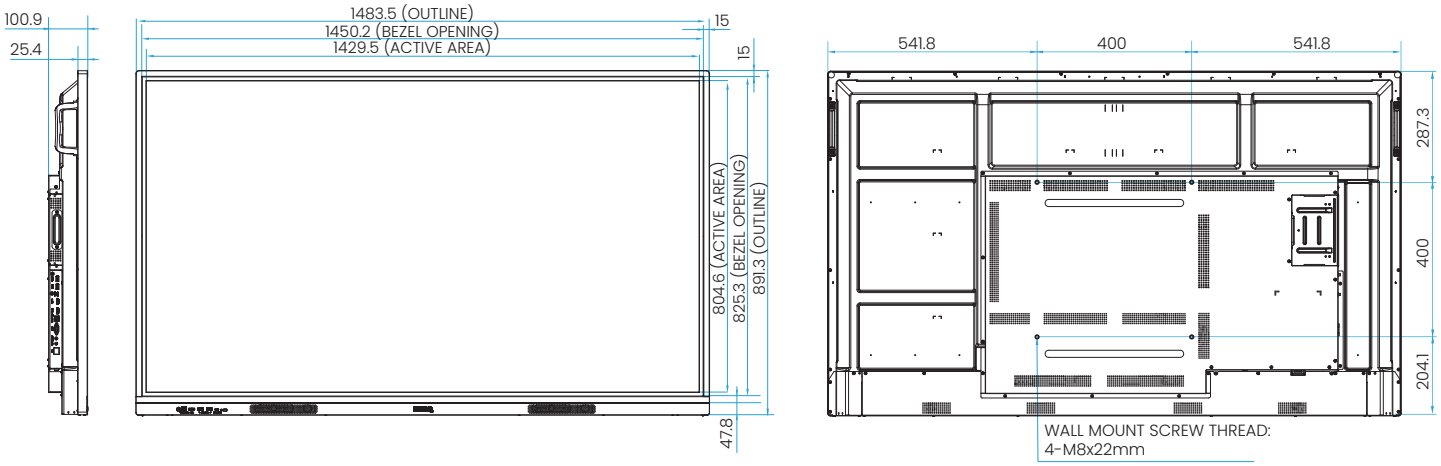
AMS
Account Management System to conveniently load and access your account and cloud storage from any BenQ display.

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

INPUT AND OUTPUT TERMINALS



DIMENSIONS (MM)



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

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

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