

BenQ

RE7505E

Essential Series



EDLA-certified with Enhanced Security:

The EDLA-certified RE7505E 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 RE7505E 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.



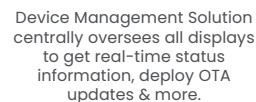
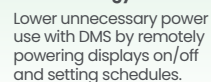
Eye care technologies:

The RE7505E 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.



Panel	Screen size		75"
	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
System	Orientation		Landscape
	Memory Storage		8 GB 128 GB
	OS		Android 16.0 (EDLA)
	GPU		Mali-G52 MC3
	CPU		Octa-Core (A72 × 4 + A53 × 4)
Power	NPU		6 TOPS
	Power supply		AC 100-240 V, 50/60 Hz
	Power consumption	Typical Standby	68.1 W <0.5 W
	AC power switch		Yes
	ENERGY STAR®		Yes
Touch	Wake up		HDMI
	Technology		Precision IR
	Number of touch points		up to 50
Glass	Interface		USB Type-B × 2
	Thickness		3.5 mm
	Hardness		9H tempered
ClassroomCare® Technology	AG coating		Yes
	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 × 4 (3.0 × 3 / 2.0 × 1), Type-B × 2 (2.0), Type-C × 2 (2.0 × 1 [4-in-1: video, audio, touch, PD 15 W] / 2.0 × 1 [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
	Speaker		20 W × 2
	Microphones		No
Built-in peripherals	NFC sensor		No
	Dimensions (W × H × D)		1704.6 × 1015.7 × 101.1 mm
Physical	Weight (product shipping)		42.5 kg 55.3 kg
	Bezel width (T B L R)		15 48.7 15 15 mm
	Wall mounting (VESA) (screw type / max. length)		VESA 600 × 400 mm (4 × M8 × 22L), wall mount kit included
	Remote control		× 1
Accessories	Stylus		× 2 (PT06)
	Cables		HDMI (3 m) × 1, USB-B for touch (3 m) × 1, Type-C (1.5 m) × 1

→ Specifications subject to change without notice.



USB 2.0

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