

BenQ

RM6504

Master Series



EDLA-certified: with the Master Series, you get easy access to all core Google apps such as Chrome, Docs, and YouTube, as well as your favourite apps on the Google Play Store. You can also enjoy compatibility with Microsoft apps and tools such as Word, PowerPoint, Excel, and Teams for a versatile collaboration experience.



Better device security: AMS and DMS, BenQ's built-in software, provide secure login options, strict access controls, and regular system updates alongside additional protection against app vulnerabilities through Google Play Protect.



ClassroomCare®: BenQ displays are the only ones on the market certified by TÜV, SIAA and Eyesafe® 2.0 for efficacy and safety. While the eye-care solution (anti-glare, flicker-free, and low blue light screen) safeguards the users' vision without affecting colour vibrancy shown on the display, the germ-resistant screen, interfaces, and pens protect students and teachers from germs.



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		128GB
	OS		Android 14.0
Power	GMS integration		Yes
	Power supply		100V~240V, 50~60Hz
	Power consumption (W/h)	Maximum	395
		Typical	106.1
		Standby mode	<0.5
Touch	AC power switch		Yes
	Wake up		LAN / HDMI / VGA / DP
	Technology		High Precision IR
	Number of touch points		up to 40
Glass	Interface		USB Type B x 3
	Tempered glass		3.2 mm
	Hardness		9H
ClassroomCare® Technology	AG coating		Yes
	Eye care solution: flicker-free & low blue light		Yes (certified by TÜV & Eyesafe® 2.0)
	Air quality sensors & air ioniser		No
Environment	Germ-resistant screen		Yes (certified by TÜV, SIAA & SGS)
	Operating temperature		0°C ~ 40°C
	Operating humidity		20% ~ 80% RH non-condensing
Connectivity	Energy efficiency		Energy Star 8.0 Certified
	Input		VGA x 1, HDMI 2.0 x 3, Display port 1.2a x 1, Audio (3.5 mm) x 1, PC Audio (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 7 (2.0 x 2 / 3.0 x 5), Type B x 3 (3.0 x 3), Type C x 3 (3.0 x 2 / 3.0 PD 65 W x 1)
	RS232		x 1
	RJ45 (LAN)		x 2 (Android / OPS) up to 1000Mbps
	Wireless connectivity		Built-in WD02AT (Wi-Fi 6 + Bluetooth 5.2)
	Remote controller		x 1
	Built-in speaker		x 1
Audio	Array microphones		x 8 (max. pickup range 8m)
	Screen dimension (mm)		1489.3 x 905.8 x 87.1
	Net / Gross weight (kg)		37.8 / 51.5
	Bezel width (mm)		16.6 16.6 16.6 16.6
	Wall mounting (VESA) (screw type / max. length)		VESA 600 x 400 mm (4 x M8 x 25L), wall mount kit included
	OPS slot		Yes
	NFC sensor		Yes
	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.



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



NFC SENSOR & KEYPAD BUTTONS



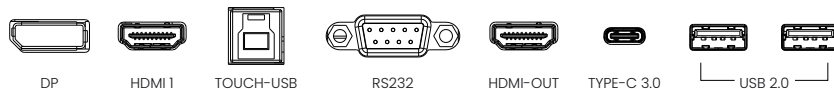
DOWN I/O



TOP I/O CAMERA PORTS



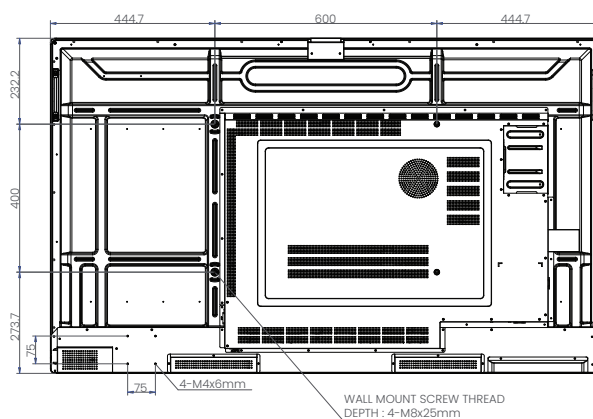
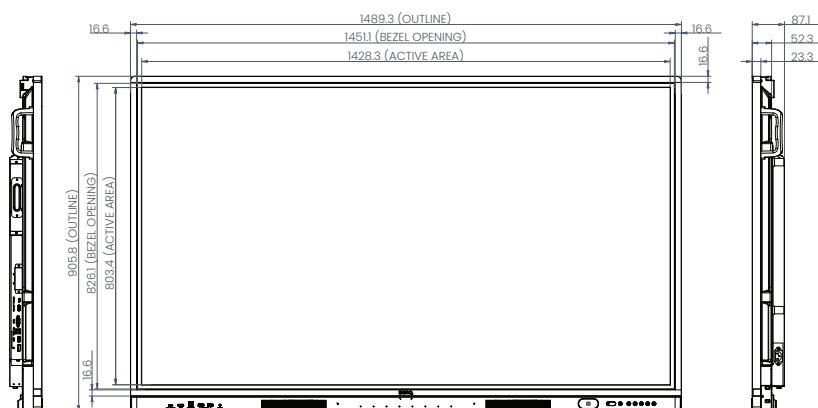
SIDE I/O



WIFI DONGLE & REMOTE CONTROLLER PORTS



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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