

BenQ

RP7505



Next-Gen AI Performance:

RP7505 features a true 10 TOPS NPU which enables AI processing directly on the device to support BenQ AI tools and improve classroom experiences for both students and teachers.



Android 15 and Google EDLA Certification:

With Android 15 and a Google EDLA ecosystem, RP7505 offers reliable access to core Google services and supports ongoing security updates to stay compatible with educational apps in the long term and reduce IT maintenance.



Advanced Data Security:

RP7505 includes device access controls, single sign-on, multi-factor authentication, and Google Play Protect, while complying with GDPR, CCPA, and PSTI standards to keep data secure.



ClassroomCare®:

RP7505 is verified by Eyesafe® Display 3.0 with an RPF* of 60 and a CPF of 50, helping protect eye health and support circadian-friendly viewing. Other ClassroomCare® technologies are germ-resistant surfaces, air quality sensors, and an air ioniser, all helping to support healthier, more comfortable classrooms.

Panel	Screen size	75"	
	Resolution	UHD 3840 × 2160	
	Brightness	450 nits	
	Contrast ratio (typ.)	1500 : 1	
	Dynamic Contrast ratio	50,000 : 1	
	Viewing angle (H/V)	178° / 178°	
	Response time (G-T-G)	8 ms	
	Backlight life	50,000-hrs	
	Panel surface	AG, Haze 25%	
	Operating hours	18 Hours / 7 Days	
	Orientation Memory I	Landscape	
		16 GB 256 GB	
	System	Storage	Android 15 (EDLA)
OS		Arm Cortex-A78 × 2 + A55 × 6	
CPU	CPU	Arm Mali-G57 MC2	
	GPU	AC 100-240 V 50 / 60Hz	
Power	Power Supply	91.1 W	
	Power consumption	Typical	<0.5 W
		Standby	Yes
	AC power switch	Yes	
ENERGY STAR® 8.0	Lan / HDMI / VGA / DP		
Wake up	Ultra Precision IR	up to 50	
		USB Type B × 3	
Touch	Technology	Tempered, 3.2 mm	
	Number of touch points	9H	
Glass	Thickness	Yes	
	Hardness	Yes (Eyesafe® Display 3.0 verified by UL Solutions; RPF* 60 / CPF 50)	
ClassroomCare® Technology	AG coating	UL Solutions; RPF* 60 / CPF 50)	
	Eye care: flicker-free & low blue light	CO ₂ - PM2.5 - PM10 - TVOC - CH2O, temperature, humidity; air ioniser	
	Air quality sensors & air ioniser	Yes (certified by TÜV, SIAA & SGS)	
	Germ-resistant screen	0°C ~ 40°C	
Environment	Operating temperature	10% ~ 90% RH non-condensing	
	Operating humidity	VGA × 1, HDMI 2.0 × 3, DP 1.2a × 1, Mic (3.5mm) × 1, PC Audio × 1	
Connectivity	Input	HDMI 2.0 × 1, Earphone (3.5 mm) × 1, SPDIF (Optical) × 1	
		Output	Type A × 7 (3.0 × 4 / 2.0 × 3), Type B × 3
	USB	3	
		(3.0), Type C × 2 (3.0 PD 100 W × 1 / 2.0 1), Type C (out) × 1	
	RS232 (in)	× 1	
	RJ45 (LAN)	× 2 (Android / OPS) up to 1000Mbps	
	Wireless connectivity	Built-in WD02AT (Wi-Fi 6 + Bluetooth 5.2)	
	OPS slot (for slot-in PC)	× 1	
	Micro SD reader	× 1	
	Built-in Peripherals	Soundbar	70W (25W speakers × 2 20W subwoofer × 1)
Microphones		8-mic array, up to 12 m pickup range	
Physical	NFC Sensor	Yes	
	Dimensions (W × H × D)	1709.4 × 1060.8 × 130.0 mm	
	Weight (product shipping)	45.1 kg 58.2 kg	
	Bezel width (T B L R)	14.6 98.5 14.6 14.6 mm	
	Wall mounting (VESA)	VESA 800 × 400 mm (4 × M8 × 25L), wall mount kit included	
Accessories	Pen tray	Yes	
	Cables	HDMI (3 m) × 1, Touch USB (3 m) × 1, Type C (1.5 m) × 1	
	Stylus	× 2	
	Remote control	× 1	

→ Specifications subject to change without notice.



ENERGY STAR® 8.0
The energy-efficient design of the RP06 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 (WB) 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

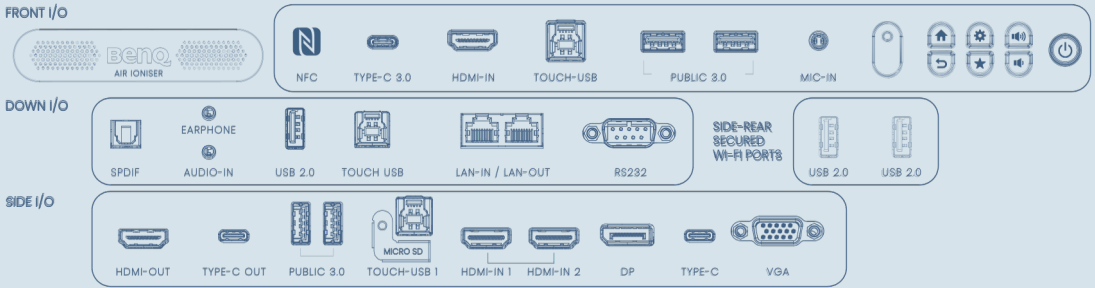
Account Management System to conveniently load and access your account and cloud storage from any BenQ display.



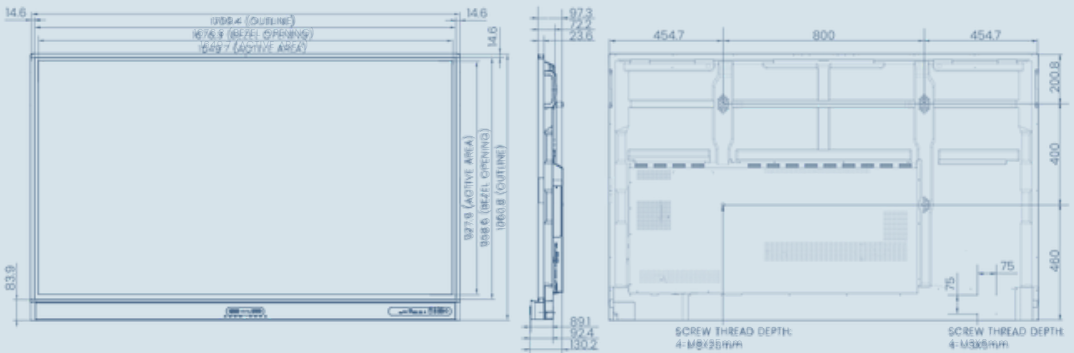
DMS

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

