

BenQ

# RP7505

Pro Series



### 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	
System	Orientation	Landscape	
	Memory   Storage	16 GB   256 GB	
	OS	Android 15 (EDLA)	
	CPU	Arm Cortex-A78 × 2 + A55 × 6	
Power	GPU	Arm Mali-G57 MC2	
	Power supply	AC 100-240 V 50 / 60 Hz	
	Power consumption	Typical	91.1 W
		Standby	<0.5 W
	AC power switch	Yes	
ENERGY STAR® 8.0	Yes		
Touch	Wake up	LAN / HDMI / VGA / DP	
	Technology	Ultra Precision IR	
	Number of touch points	up to 50	
Glass	Interface	USB Type B × 3	
	Thickness	Tempered, 3.2 mm	
	Hardness	9H	
ClassroomCare® Technology	AG coating	Yes	
	Eye care: flicker-free & low blue light	Yes (Eyesafe® Display 3.0 verified by UL Solutions; RPF® 60 / CPF 50)	
	Air quality sensors & air ioniser	CO <sub>2</sub> - PM <sub>2.5</sub> - PM <sub>10</sub> - TVOC - CH <sub>2</sub> O, temperature, humidity; air ioniser	
	Germ-resistant screen	Yes (certified by TÜV, SIAA & SGS)	
Environment	Operating temperature	0°C ~ 40°C	
	Operating humidity	10% ~ 90% RH non-condensing	
Connectivity	Input	VGA × 1, HDMI 2.0 × 3, DP 1.2a × 1, Mic (3.5mm) × 1, PC Audio × 1	
	Output	HDMI 2.0 × 1, Earphone (3.5 mm) × 1, SPDIF (Optical) × 1	
	USB	Type A × 7 (3.0 × 4 / 2.0 × 3), Type B × 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
NFC Sensor		Yes	
Physical	Dimensions (W × H × D)	1709.4 × 1066.8 × 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) (screw type / max. length)	VESA 800 × 400 mm ( 4 × M8 × 25L), wall mount kit included	
	Pen tray	Yes	
Accessories	Cables	HDMI (3 m) × 1, Touch USB (3 m) × 1, Type C (1.5 m) × 1	
	Stylus	× 2	
	Remote control	× 1	

