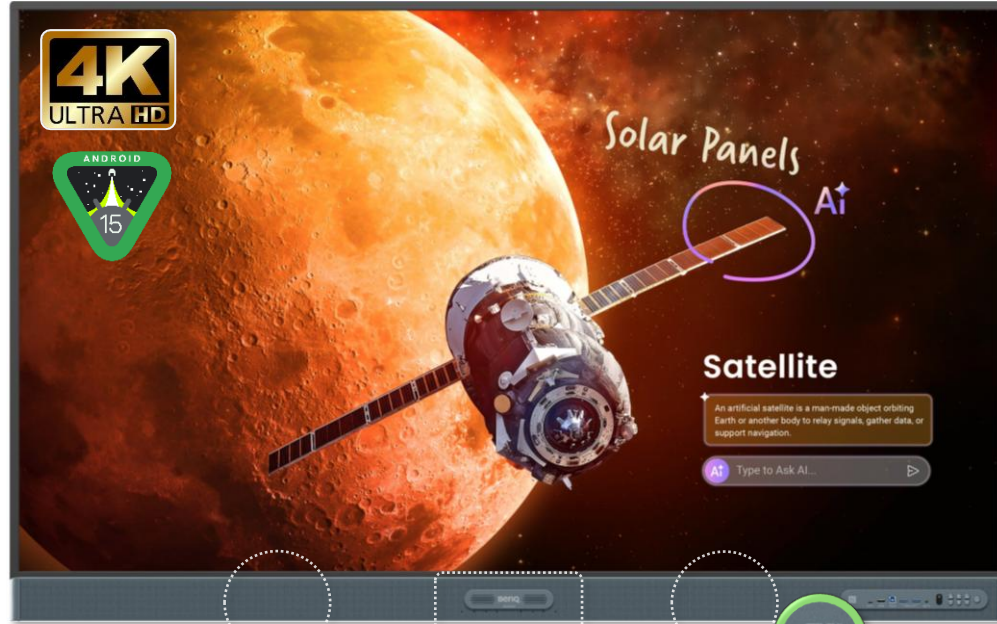


EDLA BenQ Board

PRO series | RP05

Google-certified AI-powered interactive display



Google for Education Partner

8 x Array Microphone

2 x 25W speaker
20W Subwoofer

NFC Sensor

Quick login
Tap and teach

- CPU** **Octa Core soc**
The most powerful IFP SoC
Made in Taiwan, powered by TSMC
- AI** **10 TOPS**
High computing performance for AI processing 0.10 trillion operations per second
- Android** **Android 15**
The latest & most secure update
- RAM** **16GB RAM, 256GB storage**
Fast performance with plenty of storage
- AI** **BenQ AI Tools**
BenQ AI Tools make learning easier and more enjoyable
- EZWrite** **Whiteboarding solution**
Teach on a powerful whiteboard using any device, from any location by EZWrite 6
- Wireless casting solution**
InstaShare 2 can share ideas seamlessly with wireless projection compatible with all devices

50 Touch Points
Unleash your creativity

NFC Sensor
Access your account in seconds

Micro SD Card slot
Adding memory as you need

Built-in Microphone
x 8, pickup up to 12M
AI echo cancellation

70W Built-in Speaker
25W x 2 speakers, 20W x 1 subwoofer

Audio Equalizer
Enables teachers to customize the sound effect based on the content

5-in-1 Type-C 100W PD
5Gbps data transfer, video, audio, touch, and 100W power charging

Built-in Wi-Fi /Bluetooth
To connect with network with ease

High LAN Speed
2x Gigabit LAN (RJ45)

ClassroomCare®

Teach Your Way
in the healthiest digital classroom

Eye-Care solutions

Worldwide 1st & #1
eyesafe® 3.0 certified



Reduces harmful blue light without sacrificing color accuracy, also with circadian care.

- ✓ Anti-glare
- ✓ Flicker free
- ✓ Low blue light



Germ-resistant

- ✓ Screen
- ✓ Stylus
- ✓ Remote Control
- ✓ Keypad
- ✓ Front I/O ports



Air Quality Sensors

- ✓ Temperature
- ✓ Humidity
- ✓ CO₂
- ✓ PM_{2.5}
- ✓ PM₁₀
- ✓ TOVC
- ✓ ionizer



Certificated Dust-proof



Energy Star

Love the earth, lower energy bills



DISPLAY	
Diagonal Size	65", 75", 86"
Display Technology	Zero Bonding
Backlight / Panel Type	DLED / IPS
Aspect Ratio	16:9
Resolution	3840 x 2160 (4K UHD)
Brightness (typical)	450 nits
Contrast Ratio (typical)	65", 75" : 1500:1 ; 86" : 1200:1
Contrast Ratio (dynamic)	50000:1
LCD Viewing Angle (H/V)	178°/178°
Panel Refresh Rate	60 Hz
Response Time	≤8 ms
Panel Bit	10-bit
Panel Lifespan	≥50,000 hours
Operating Hour	18/7
Glass Hardness	9H
Glass Type	Heat-tempered 3.2 mm
Germ-Resistant Technology	Nano-ionic silver
Panel Surface	Anti-Glare, Haze 25%
Display Orientation	Landscape
TOUCH	
Touch Technology	Ultra Precision IR
Accuracy	±1.0 mm
Max Touch Points	50 for Windows; 50 for Android
Touch Resolution	32767 x 32767 px
Object Recognition Range	≥ 2 mm
Touch Response Time	< 2.5 ms
Touch Interface	USB-B 3.0 x 3
Compatibility	Windows11/Windows10/Windows8/Windows7/ macOS/Linux/Android/Chrome OS

COMPUTING		
Operating System	Android 15.0 (*upgradable to Android 16.0)	
CPU	Octa-Core (A78 x 2 + A55 x 6)	
GPU	Arm Mali-G57 MC2	
NPU	10 TOPS	
Memory	16GB	
Storage	256GB	
AUDIOVISUAL		
Built-in Speaker	70 Watts (25W x 2 + Subwoofer 20W x 1)	
Array Microphone	x 8 (Max. pickup range: 12M) AI echo cancellation	
CONNECTIVITY	Front	Rear
HDMI In 2.0	x 1	x 2
HDMI Out 2.0		x 1
Display Port 1.2a		x 1
VGA In		x 1
VGA Audio In		x 1
USB-A 3.0 (High speed data transfer & power supply)	x 2	x 2
USB-A 2.0		x 3
USB-B 3.0 (Touch)	x 1	x 2
USB Type-C 3.0 (5-in-1, 5Gbps data transfer, video, audio, touch, 100W PD)	x 1	
USB Type-C 2.0 (4-in-1, 480Mbps data transfer, video, audio, touch)		in x 1, out x 1
Mic In (3.5 mm)	x 1	
RS232		x 1
POWER		
Power Supply	AC 100 to 240V, 50 to 60 Hz	
Power Consumption (typical)	65": 77.4W; 75": 91.1W; 86": 126.4W	

CONNECTIVITY	Front	Rear
Earphone (3.5 mm)		x1
SPDIF (optical)		x1
Power (AC) Inlet		x1
OPS Slot		x1
Wake-on-LAN	Yes	
LAN In/Out (RJ45)	x 2 OPS: 10/100/1000 Mbps; Android: 10/100/1000 Mbps	
Wi-Fi 6.0	Included	
Bluetooth 5.2	Included	

SENSORS		
NFC Sensor		x1
Motion Sensor		x1
Air Ionizer		x1
Indoor Air Quality Sensor	CO ₂ / PM _{2.5} / PM ₁₀ /TVOC/CH ₂ O/Humidity/Temperature	
Light Sensor		x1
IR Receiver		x1

ACCESSORIES
 Remote Control, Power Code (By Region), NFC Stylus x 2, Quick Start Guide, Regulation Sheet, Touch USB Cable, HDMI Cable, Type-C Cable, Wall Mount

DISPLAY LANGUAGES
 English / French / German / Dutch / Polish / Russian / Czech / Danish / Swedish / Italian / Romanian / Finnish / Norwegian / Greek / Hungarian / Spanish / Portuguese / Traditional Chinese / Simplified Chinese / Arabic / Japanese / Thai / Persian / Vietnamese / Korean / Turkish / Indonesian / Hebrew / Catalan (29L)

Model	RP6505	RP7505	RP8605
Dimension (WxHxD) (Without Packing/With Packing)	1488.4x937.3x130.0 mm/ 1628x1024x208 mm	1709.4x1060.8x130.0 mm/ 1863x1170x205 mm	1957.0x1200.6x130.0 mm/ 2110x1314x205 mm
Net Weight/Gross Weight	34.5 kg/44.5 kg	45.1 kg/58.2 kg	55.0kg/73.6kg
VESA Mount/Screws	600 x 400 mm/4 - M8 x 25mm	800 x 400 mm/4 - M8 x 25mm	800 x 600 mm/4 - M8 x 25mm

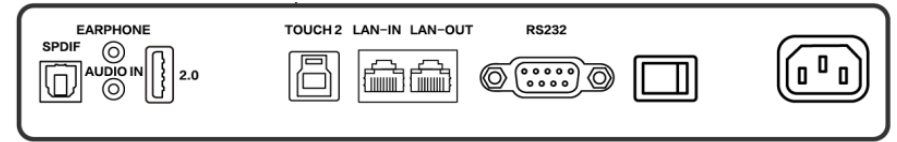
SOFTWARE/SOLUTIONS	
Device Management Solution	DMS 3.0
Account Management Solution	AMS
Broadcasting Solution	X-Sign Broadcast
Wireless Casting Solution	InstaShare 2
Whiteboarding Solution	EZWrite 6
Split Screen	Yes
Floating Tool	Yes
Class Recording	Yes
Scalable Canvas	Yes
OCR (Optical Character Recognition)	Yes, 37 Languages
TTS (Text to Speech)	Yes, 67 Languages
Text Translation	Yes, 59 Languages
Handwriting Recognition	Yes, 52 Languages
Ask AI	Yes
Lasso Search	Yes
Circle to Artify	Yes
AI Guardian	Yes
Co-annotation via Intranet	Cloud Whiteboard
Co-annotation via Internet (Web browser)	EZWrite 6 Web

OPTIONAL ACCESSORIES
 Camera / Trolley / OPS / BYOD, BYOM Kit / MTR Kit

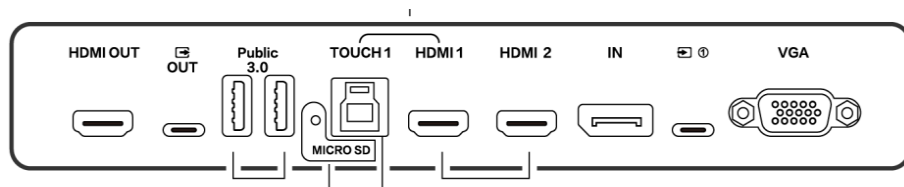
FRONT



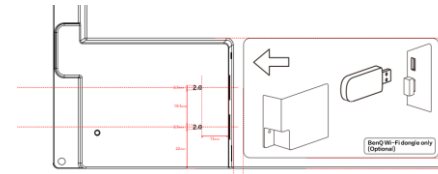
BOTTOM



SIDE

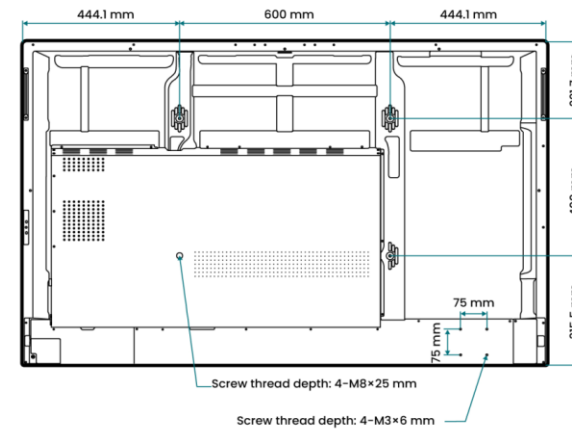
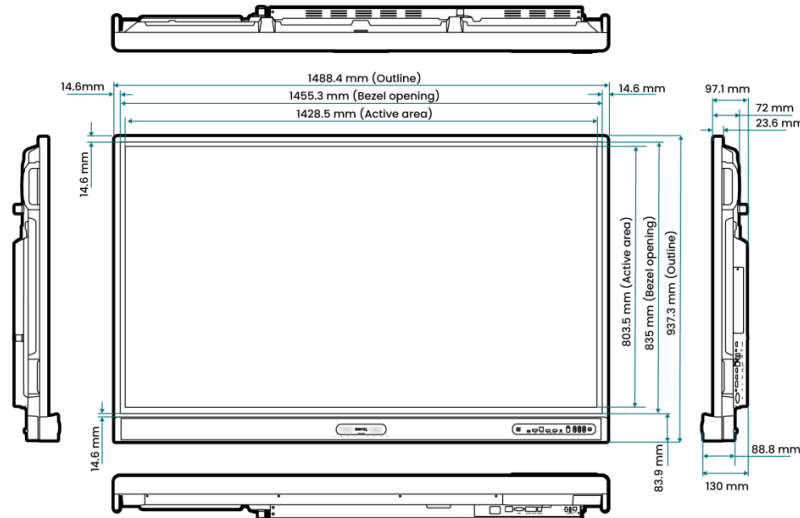


SIDE REAR Wi-Fi PORT

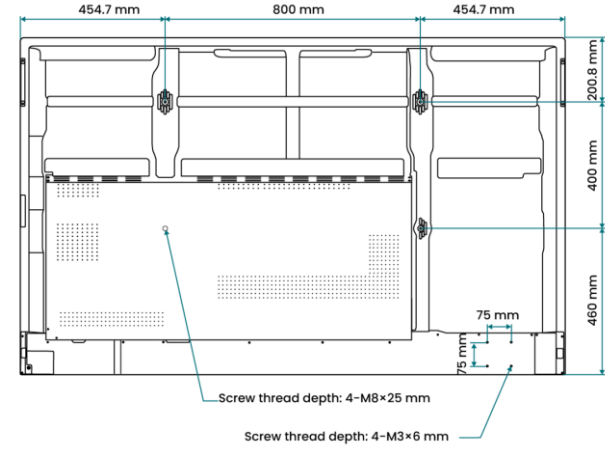
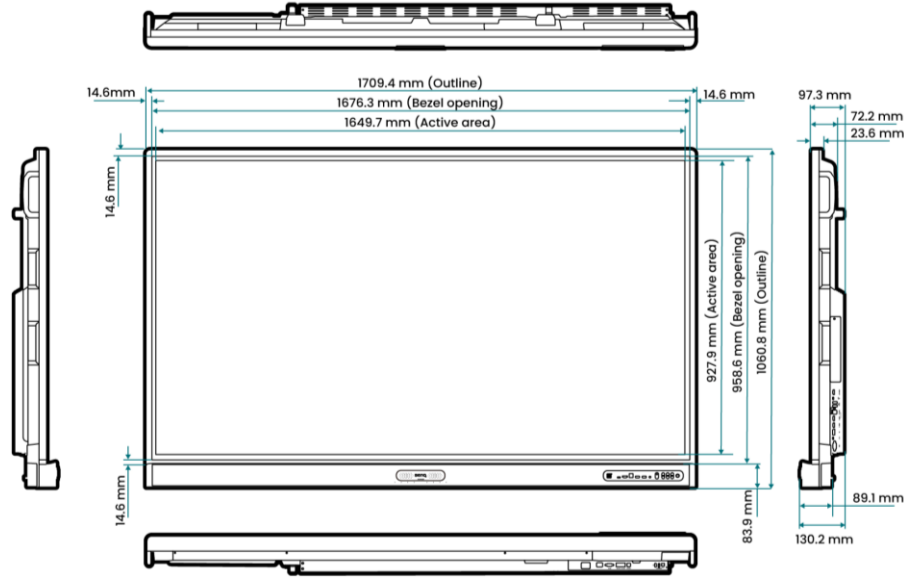


DIMENSION & WALLMOUNT

RP6505



RP7505



RP8605

