




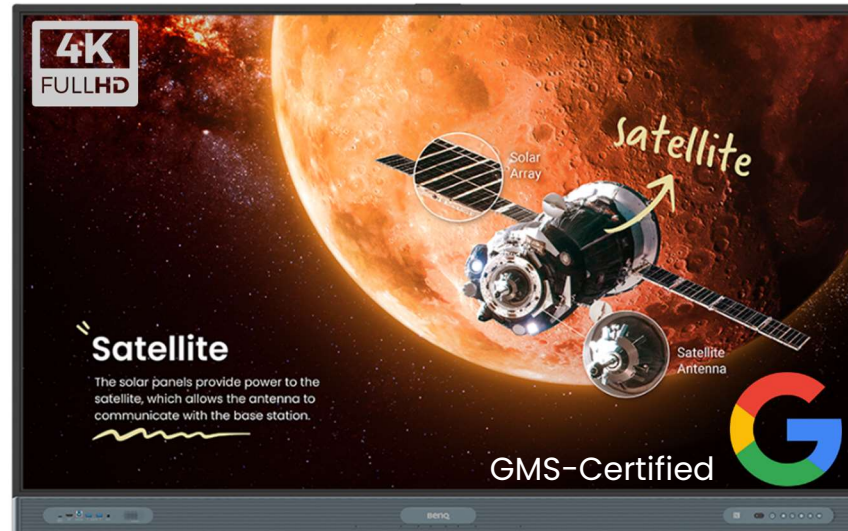


# BenQ Board PRO series

- 
**8-core SoC**  
 The most powerful IFP SoC  
 Made in Taiwan, powered by TSMC
- 
**Android 13**  
 The latest & most secure update
- 
**56W Built-in Speaker**  
 20W x 2 speakers, 16W x 1 subwoofer
- 
**Built-in Microphone**  
 x 8, max pickup range to 8M
- 
**40 Touch Points**  
 Unleash your creativity
- 
**5-in-1 Type-C 100W PD**  
 Display, audio, touch, data, and 100W power charging
- 
**NFC log in**  
 Access your account in seconds







eyesafe  
CERTIFIED 2.0



50  
RPF50

**eyesafe 2.0 Certified**  
Low Blue Light



**SIAA Certified for Touchscreen**  
Antimicrobial property, safety, and appropriate



**Germ-Resistant, Eyecare**  
Safe-to-Touch for touchscreen, front ports, buttons, touch pen, remote control  
Eyecare for Low Blue Light, Flicker Free



**IP5X Dust Proof**  
To ensure consistent operation



**Ionizer built-in**  
Improve air quality

## DISPLAY

Diagonal Size	65", 75", 86"
Display Technology	Zero Bonding
Backlight	DLED
Aspect Ratio	16:9
Resolution	3840 x 2160 (4K)
Brightness (typical)	450 cd/m2
Contrast Ratio	1200:1
Dynamic Contrast Ratio	50000:1
LCD Viewing Angle	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	Fine IR+
Accuracy	±1.0 mm
Max Touch Points	40 for Windows®, 32 for Android
Touch Resolution	32768 x 32768 px
Object Recognition Range	≥ 2 mm
Touch Response Time	8 ms
Touch Interface	USB-B 3.0 x 3
Compatibility	Windows11/Windows10/Windows8/Windows7/ macOS/Linux/Android/Chrome OS

COMPUTING

Operating System	Android 13 (Tiramisu)
CPU	Octa-Core (A78 x 4 + A55 x 4)
GPU	Mali™-G57 MC5
Memory	8GB
Storage	64GB

AUDIOVISUAL

Built-in Speaker	56 Watts (20 W x 2 + Subwoofer 16 W x 1)
Array Microphone	x 8 (Max. pickup range: 8M)
AI Camera	Optional (4K with 4 x digital zoom, 8.29MP, AI auto framing, AI voice tracking, 4 omni-microphone)

CONNECTIVITY

	Front	Rear	Top
HDMI In 2.0	x 1	x 3	
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 4	x 1
USB-A 2.0		x 1	
USB-B 3.0 (Touch)	x 1	x 2	
USB Type-C 3.0 (5-in-1, 100W PD)	x 1		
USB Type-C 3.0 (Data transfer)		x 1	x 1
USB Type-C 2.0 (5-in-1, 65W PD)		x 1	
Mic In (3.5 mm)	x 1		
RS232		x 1	
Earphone (3.5 mm)		x 1	
SPDIF (optical)		x 1	
Power (AC) Inlet		x 1	
OPS Slot		x 1	
Wake-on-LAN		Yes	
		x 2	
LAN In/Out (RJ45)		OPS: 10/100/1000 Mbps Android: 10/100/1000 Mbps	
Wi-Fi 6.0		Included	
Bluetooth 5.2		Included	

**SENSORS**

NFC Sensor	x 1
Motion Sensor	x 1
Air Ionizer	x 1
Indoor Air Quality Sensor	CO <sub>2</sub> , PM <sub>2.5</sub> , PM <sub>10</sub> , TVOC, CH <sub>2</sub> O Humidity, Temperature
Light Sensor	x 1
IR receiver	x 1

**POWER**

Power Supply	AC 100 to 240V, 50 to 60 Hz
Power consumption (typical)	TBD

**DISPLAY LANGUAGES**

English/French/German/Dutch/Polish/Russian/Czech/Danish/Swedish/Italian/  
Romanian/Finnish/Norwegian/Greek/Hungarian/Spanish/Portuguese/Turkish/  
Traditional Chinese/Simplified Chinese/Arabic/Japanese/Thai/Persian/Korean/  
Vietnamese/ Indonesian/Hebrew (28L)

**SOFTWARE/SOLUTIONS**

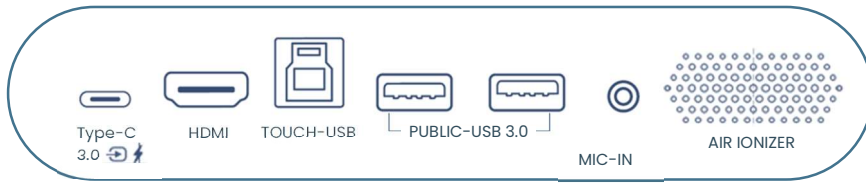
Device Management Solution	DMS 3.0
Account Management Solution	AMS
Broadcasting Solution	X-Sign Broadcast
Wireless Casting Solution	InstaShare 2
Whiteboarding Solution	EZWrite 6
Floating Tool	Yes
Class Recording	Yes
Scalable canvas	Yes
Handwriting recognition	50+ Languages
Co-annotation via intranet	Cloud Whiteboard
Co-annotation via internet (Web browser)	EZWrite 6 Web

**ACCESSORIES**

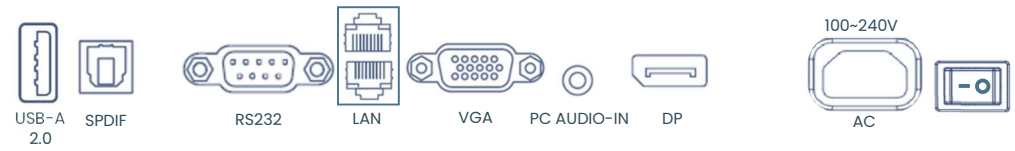
Remote Control, Power Code (By Region), NFC Stylus x 2, Quick Start Guide,  
Regulation Sheet, Touch USB Cable, HDMI Cable, VGA (D-sub 15pin) Cable, Type-  
C Cable, Wall Mount

Model	RP6504	RP7504	RP8604
Dimension (WxHxD)	1488.4×937.6×117.7 mm/	1709.4×1060.8×117.7 mm/	1957.0×1200.5×117.7 mm/
(Without Packing/With Packing)	1628×1024×208 mm	1863×1155×205 mm	2110×1291×205 mm
Net Weight/Gross Weight	40.6 kg/47.8 kg	52.2 kg/64.5 kg	64.7kg/79.6kg
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

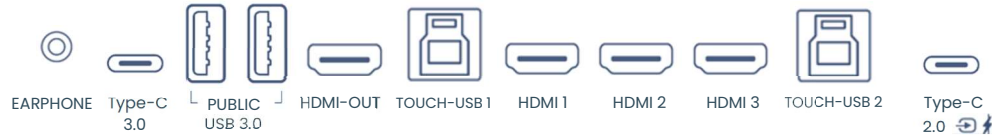
FRONT



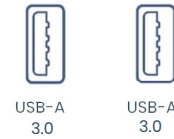
BOTTOM



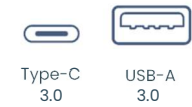
SIDE



SIDE REAR Wi-Fi PORT

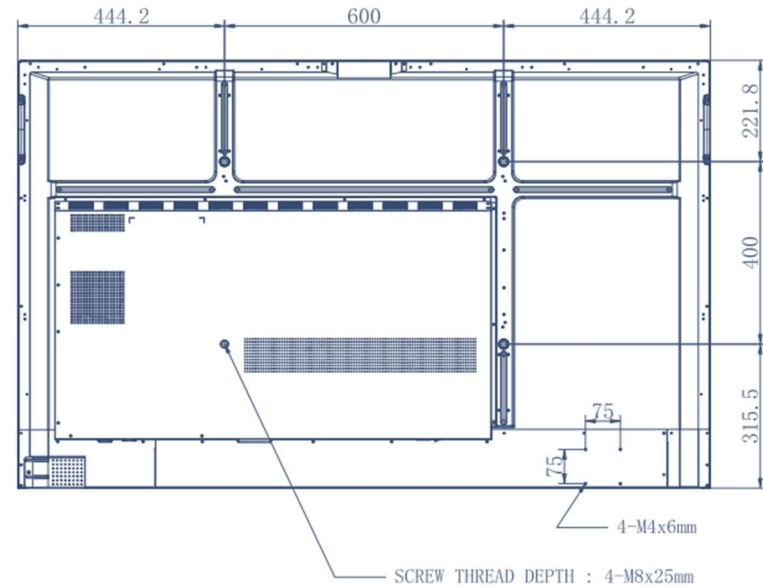
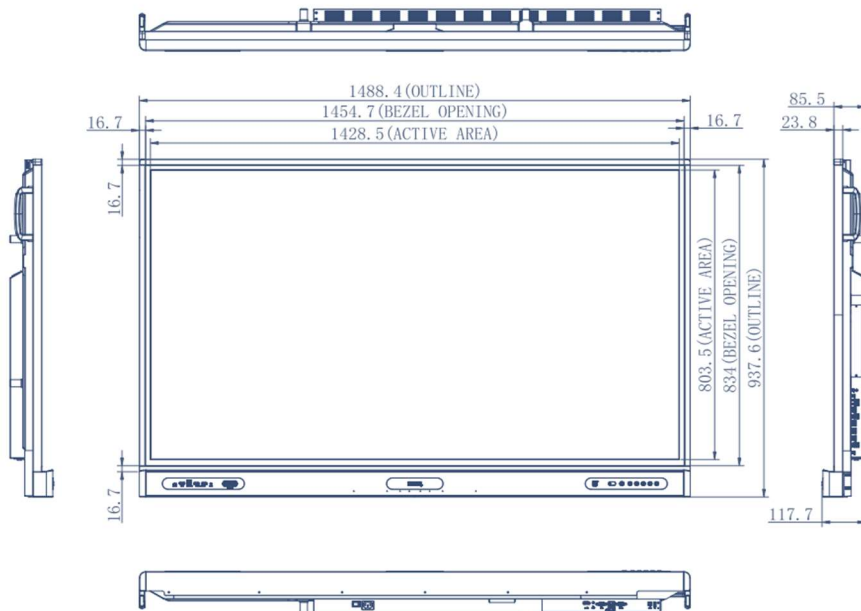


TOP CAMERA PORT

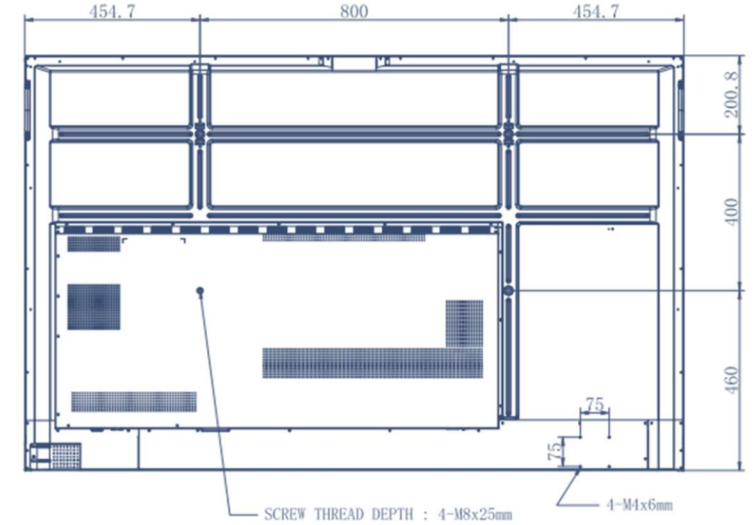
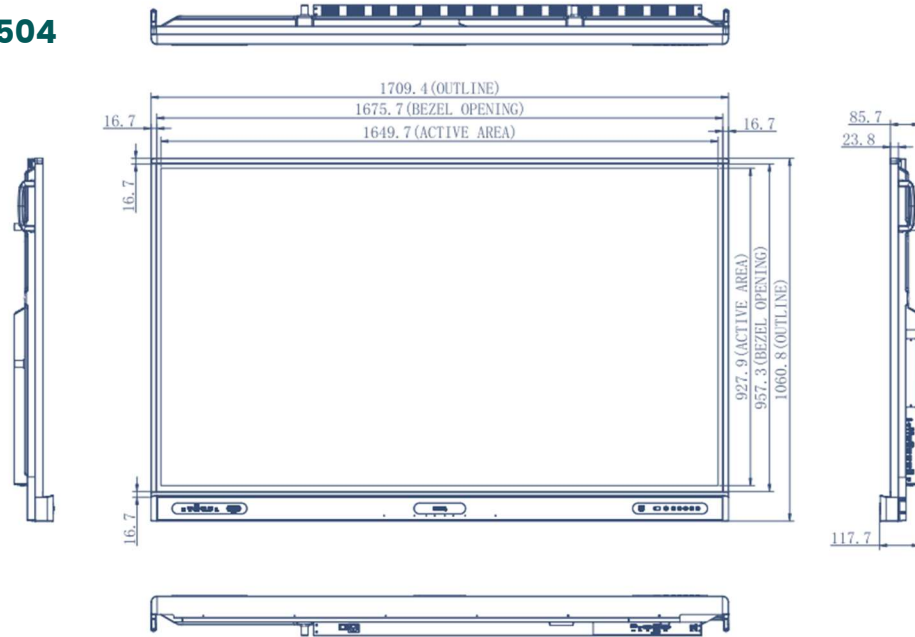


DIMENSION & WALLMOUNT

RP6504



RP7504



RP8604

