

EDLA BenQ Board
PRO series | RP04



Octa Core SoC
The most powerful IFP SoC
Made in Taiwan, powered by TSMC



Android 13 (Upgradable)
The latest & most secure update



NFC Sensor
Access your account in seconds



56W Built-in Speaker
20W x 2 speakers, 16W x 1 subwoofer



Built-in Microphone
x 8, pickup to 8M (max.)



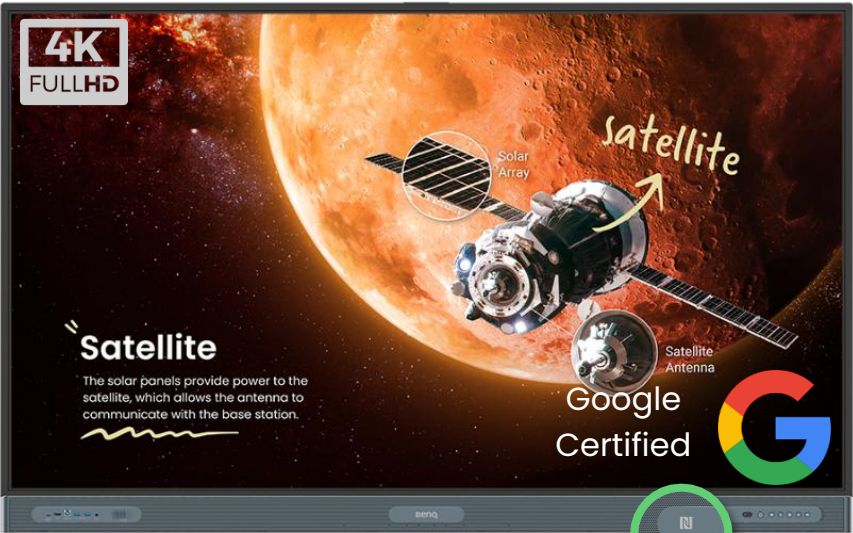
50 Touch Points
Unleash your creativity



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



Ionizer built-in
Improve air quality



NFC log in

SPEC CERTIFICATE



Eyesafe 2.0 Certified
High standard for 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
IEC standard 60529



Energy Star
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)
Brightness (typical)	450 cd/m2
Contrast Ratio (typical)	1200:1
Contrast Ratio (dynamic)	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	Ultra Precision IR
Accuracy	±1.0 mm
Max Touch Points	Up to 50
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 13 (Tiramisu) (Upgradable)
CPU	Octa-Core (A78 x 4 + A55 x 4)
GPU	Mali™-G57 MC5
Memory	8GB
Storage	64GB/128GB

AUDIOVISUAL

Built-in Speaker	56 Watts (20 W x 2 + Subwoofer 16 W x 1)
Array Microphone	x 8 (Max. pickup range: 8M) echo cancellation, noise reduction
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 ₂ , PM _{2.5} , PM ₁₀ , TVOC, CH ₂ 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

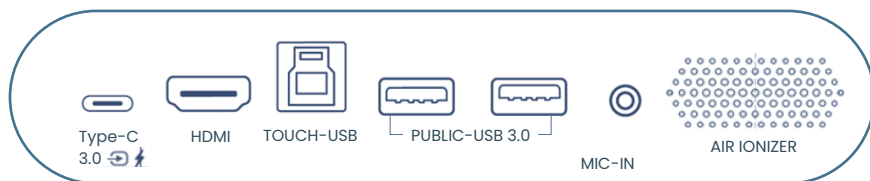
Device Management Solution	DMS 3.0
Account Management Solution	AMS
Broadcasting Solution	X-Sign Broadcast
Wireless Casting Solution	InstaShare 2
Whiteboarding Solution	EZWrite 6
Floating Tool	Yes
Class Recording	Yes
Scalable canvas	Yes
Handwriting recognition	49 Languages
Co-annotation via intranet	Cloud Whiteboard
Co-annotation via internet (Web browser)	EZWrite 6 Web

ACCESSORIES

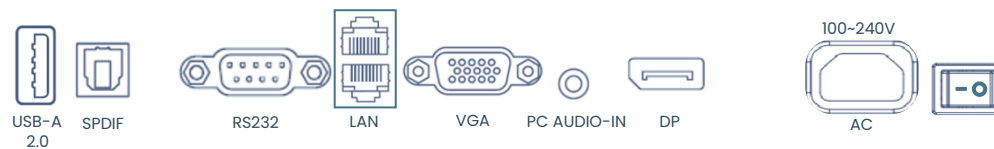
Remote Control, Power Code (By Region), NFC Stylus x 2, Quick Start Guide,
Regulation Sheet, Touch USB Cable, HDMI Cable, VGA (D-sub 15pin) Cable, Type-
C Cable, Wall Mount

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

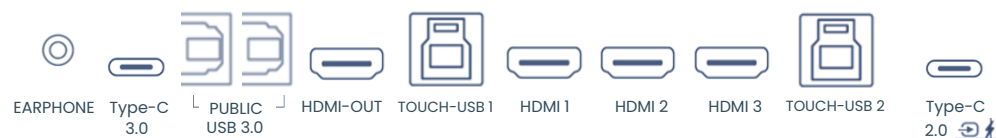
FRONT



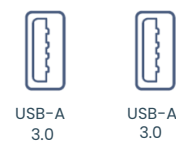
BOTTOM



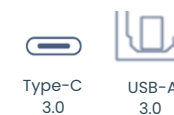
SIDE



SIDE REAR Wi-Fi PORT

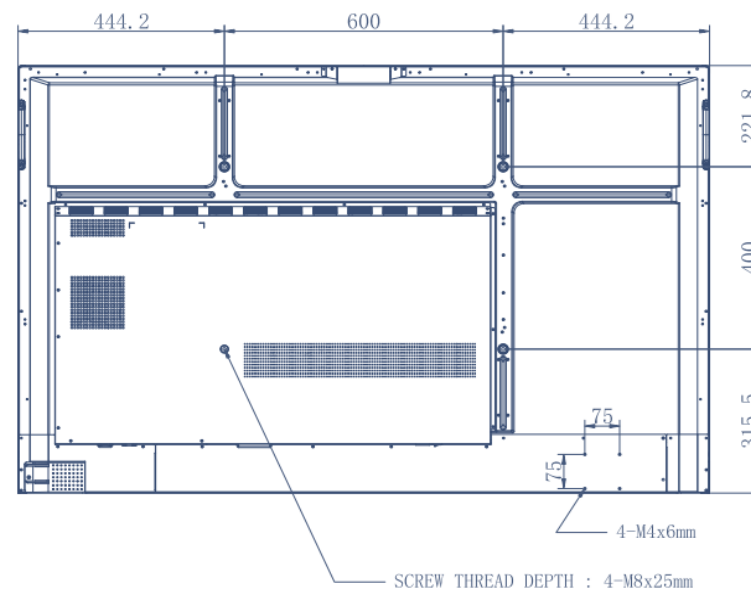
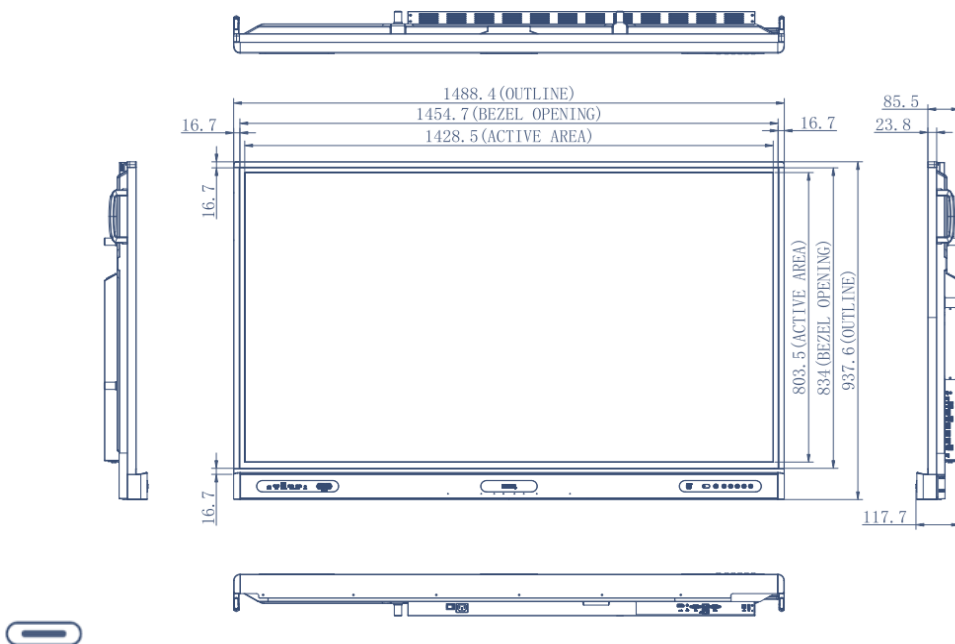


TOP CAMERA PORT

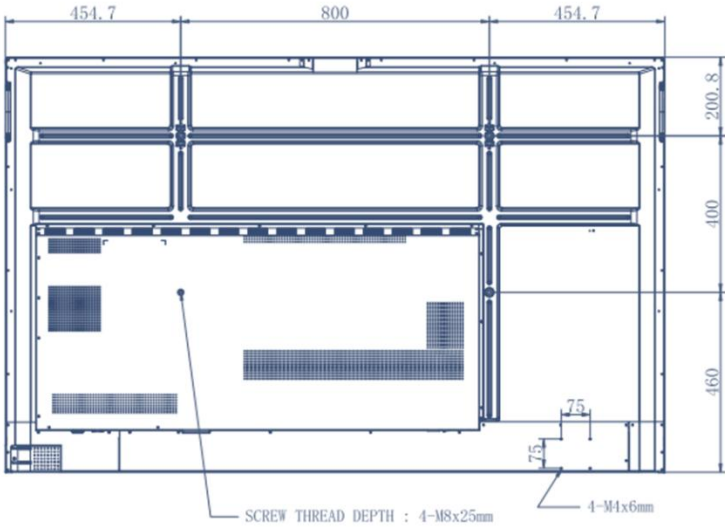
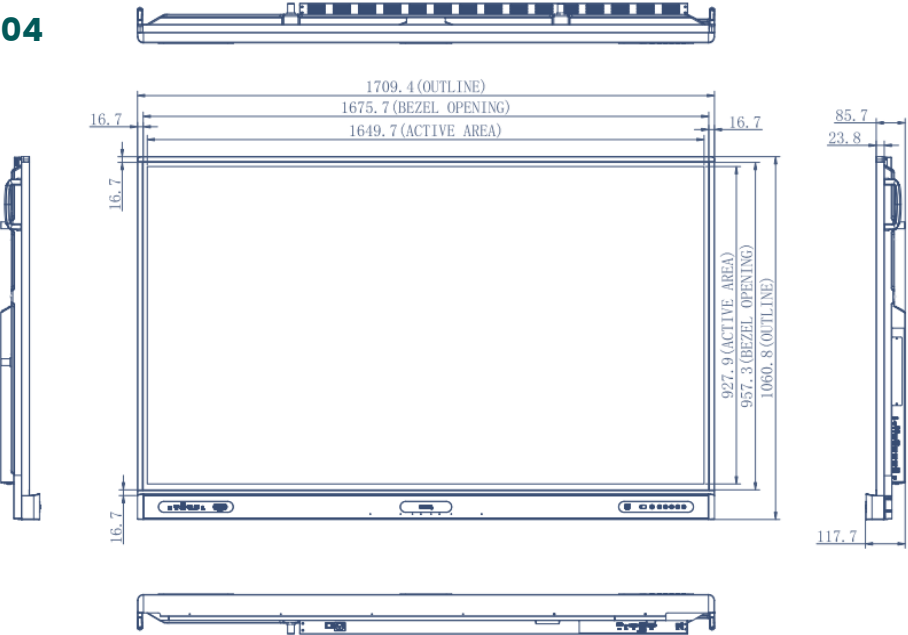


DIMENSION & WALLMOUNT

RP6504



RP7504



RP8604

