

# EDLA BenQ Board

MASTER series | RM04



### Octa Core SoC

Excellent performance



### Android 13

The latest & most secure update



### NFC Sensor

Access your account in seconds



### 40W Built-in Speaker

20W x 2 speakers



### Built-in Microphone

x 8, pickup to 8M (max.)



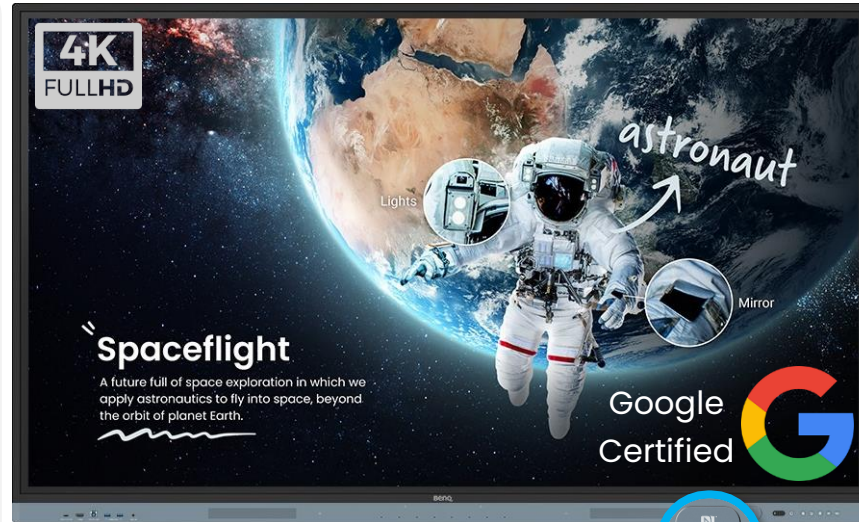
### 40 Touch Points

Unleash your creativity



### 5-in-1 Type-C 65W PD

Display, audio, touch, data, and 65W power charging



NFC log in



ClassroomCare®



**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, 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	High Precision IR
Accuracy	±1.0 mm
Max Touch Points	Up to 40
Touch Resolution	32767 x 32767 px
Object Recognition Range	≥ 2 mm
Touch Response Time	< 5 ms
Touch Interface	USB-B 3.0 x 3
Compatibility	Windows10/Windows8/Windows7/ macOS/Linux/Android/Chrome OS

COMPUTING	
Operating System	Android 13 (Tiramisu)
CPU	Octa-Core (A73 x 4 + A53 x 4)
GPU	Mali™-G52 MP8
Memory	8GB
Storage	32GB/128GB (up to 512GB)

AUDIOVISUAL	
Built-in Speaker	40 Watts (20 W x 2)
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 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	x 1
USB-A 2.0		x 2	
USB-B 3.0 (Touch)	x 1	x 2	
USB Type-C 3.0 (5-in-1, 65W PD)	x 1		
USB Type-C 3.0 (Data transfer)		x 1	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		Optional	
Bluetooth 5.2		Optional	

**SENSORS**

NFC Sensor	x 1
Motion Sensor	NA
Air Ionizer	NA
Indoor Air Quality Sensor	NA
Light Sensor	x 1
IR receiver	x 1

**POWER**

Power Supply	AC 100 to 240V, 50 to 60 Hz
Power consumption (typical)	65": 106.1W; 75": 124.7W; 86": 168.9W

**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**

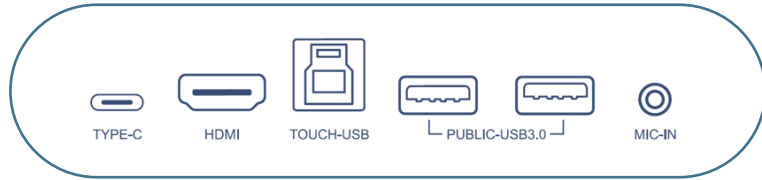
Device Management Solution	DMS 3.0
Account Management Solution	AMS
Broadcasting Solution	X-Sign Broadcast
Wireless Casting Solution	InstaShare 2
Whiteboarding Solution	EZWrite 6
Floating Tool	Yes
Class Recording	Yes
Scalable canvas	Yes
Handwriting recognition	49 Languages
Co-annotation via intranet	Cloud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

**ACCESSORIES**

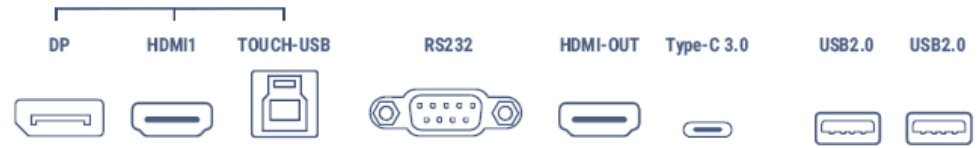
Remote Control, Power Code (By Region), Stylus x 2, Quick Start Guide, Regulation Sheet, Touch USB Cable, HDMI Cable, VGA (D-sub 15pin) Cable, Type-C Cable, Wall Mount

Model	RM6504	RM7504	RM8604
Dimension (WxHxD) (Without Packing/With Packing)	1489.3×905.8×87.1 mm/ 1640×1010×185 mm	1717.1×1036.8×87.1 mm/ 1860×1125×185 mm	1962.4×1174.9×87.1 mm/ 2095×1265×185 mm
Net Weight/Gross Weight	37.8 kg/51.5 kg	51.5 kg/67.6 kg	65.2kg/82.9kg
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



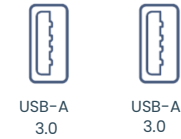
SIDE



BOTTOM



SIDE REAR Wi-Fi PORT

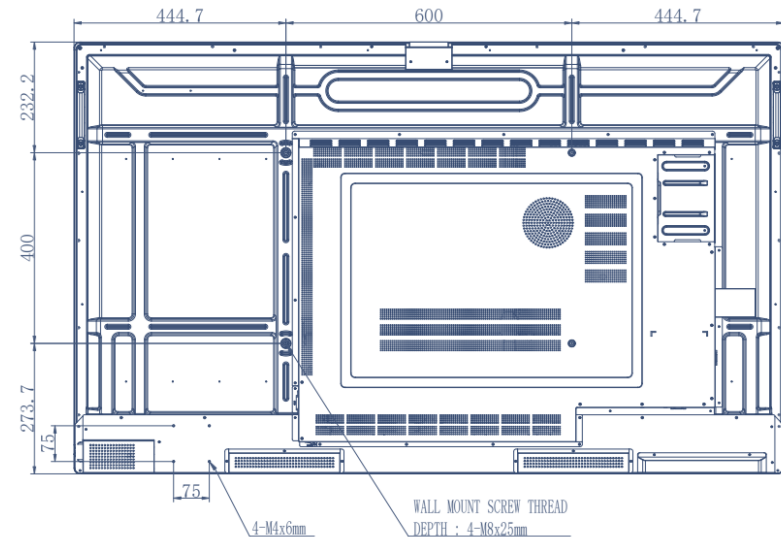
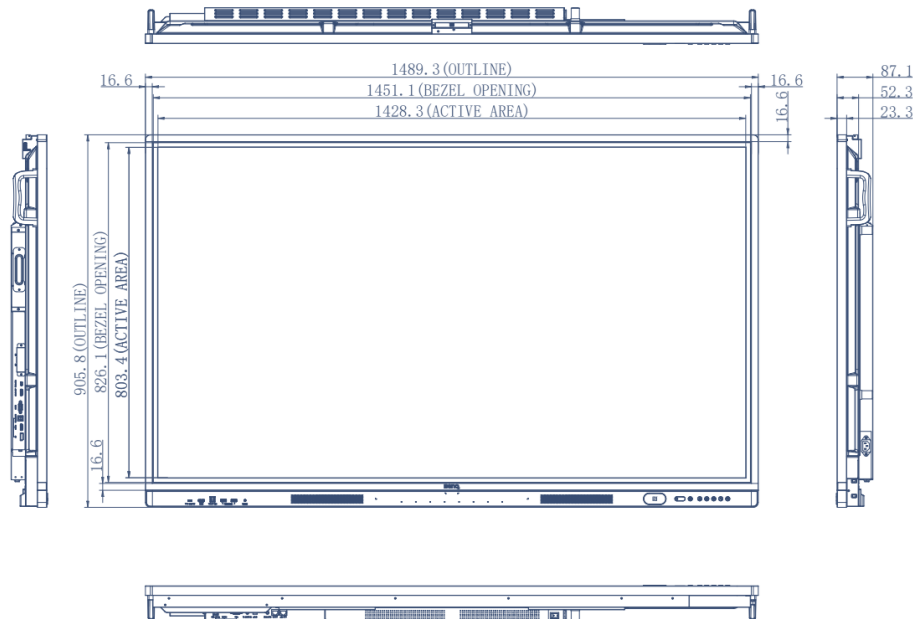


TOP CAMERA PORT

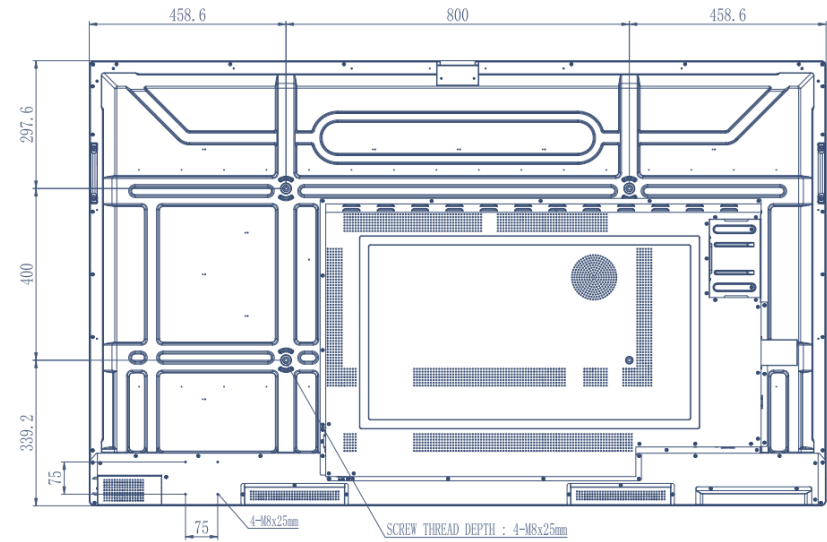
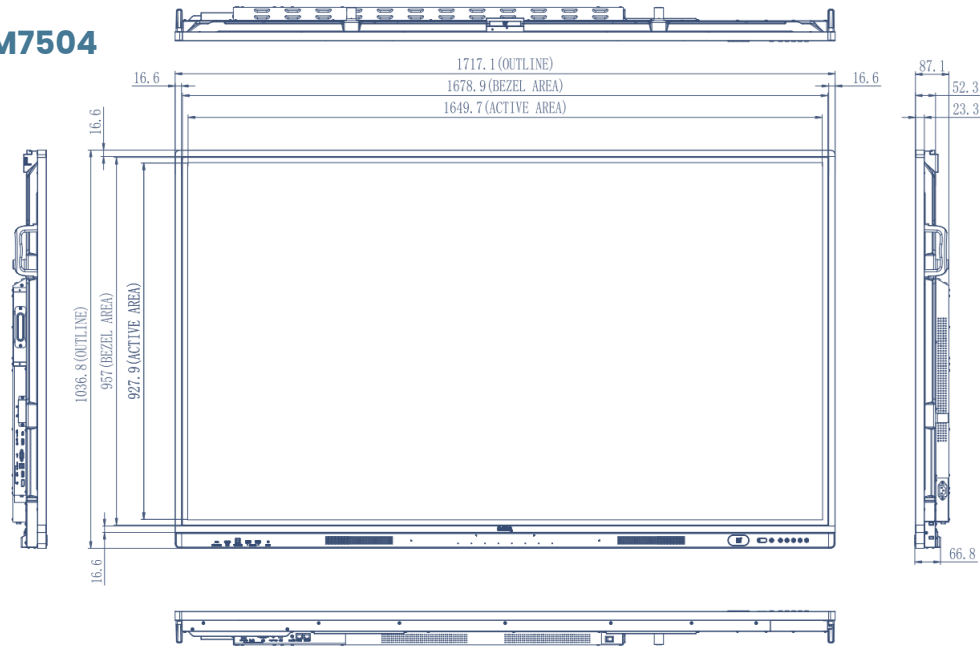


DIMENSION & WALLMOUNT

RM6504



RM7504



RM8604

