

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.)



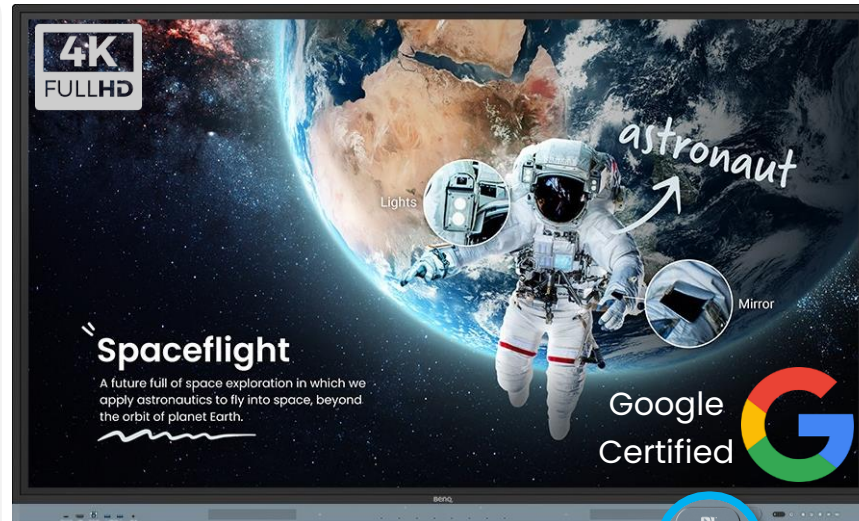
40 Touch Points

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	DLED
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

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

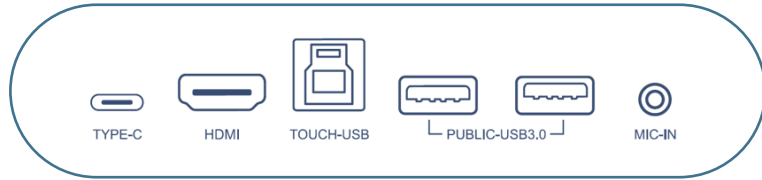
Device Management Solution	DMS 3.0
Account Management Solution	AMS
Broadcasting Solution	X-Sign Broadcast
Wireless Casting Solution	InstaShare 2
Whiteboarding Solution	EZWrite 6
Floating Tool	Yes
Class Recording	Yes
Scalable canvas	Yes
Handwriting recognition	49 Languages
Co-annotation via intranet	Cloud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

ACCESSORIES

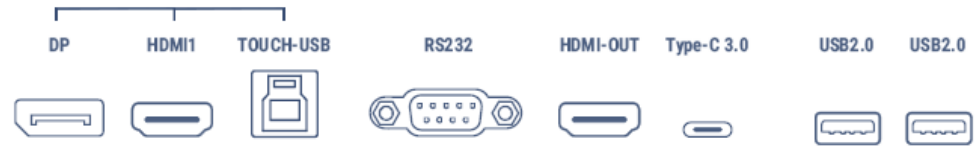
Remote Control, Power Code (By Region), Stylus x 2, Quick Start Guide, Regulation Sheet, Touch USB Cable, HDMI Cable, VGA (D-sub 15pin) Cable, Type-C Cable, Wall Mount

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



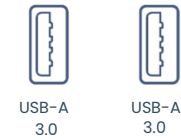
SIDE



BOTTOM



SIDE REAR Wi-Fi PORT

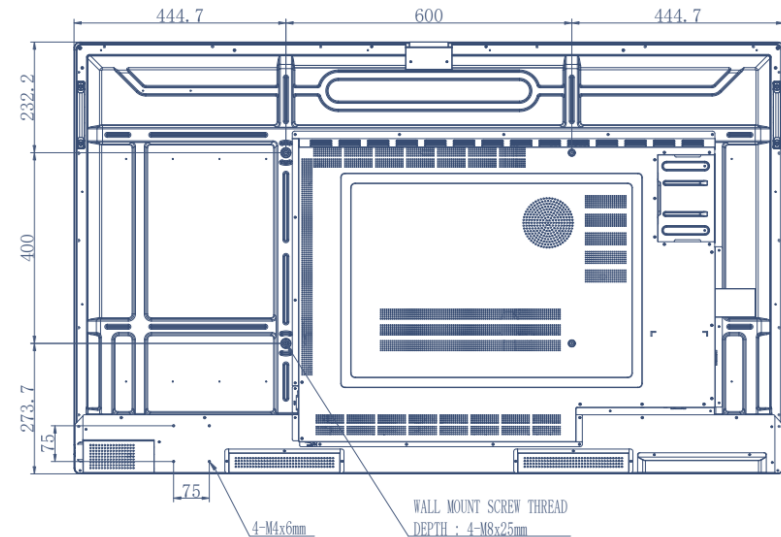
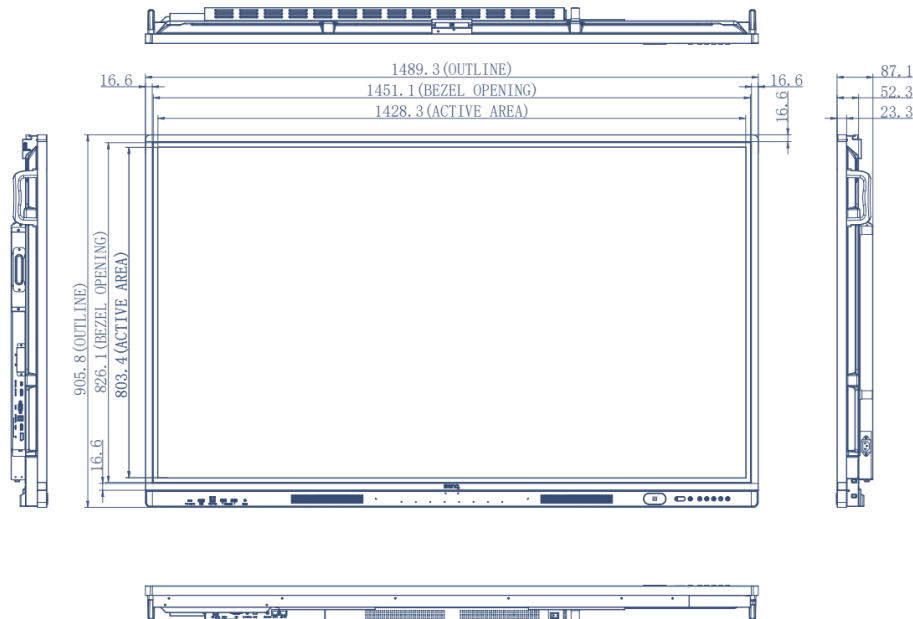


TOP CAMERA PORT

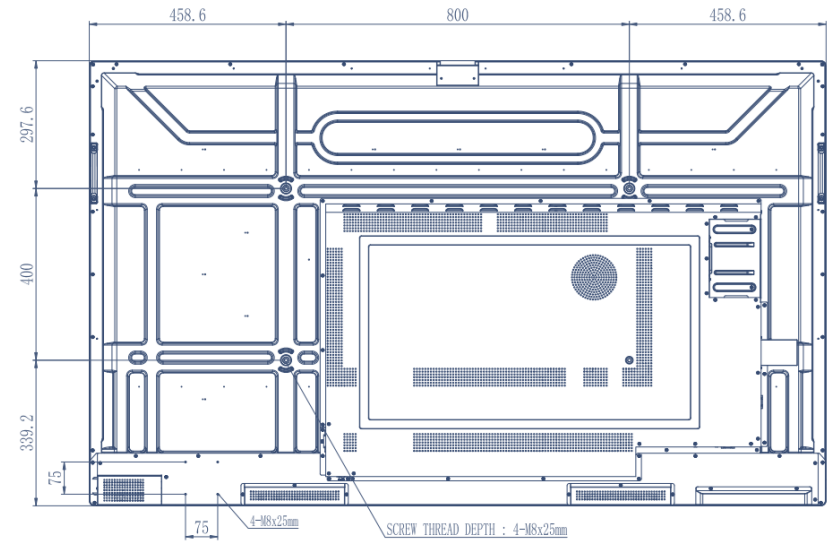
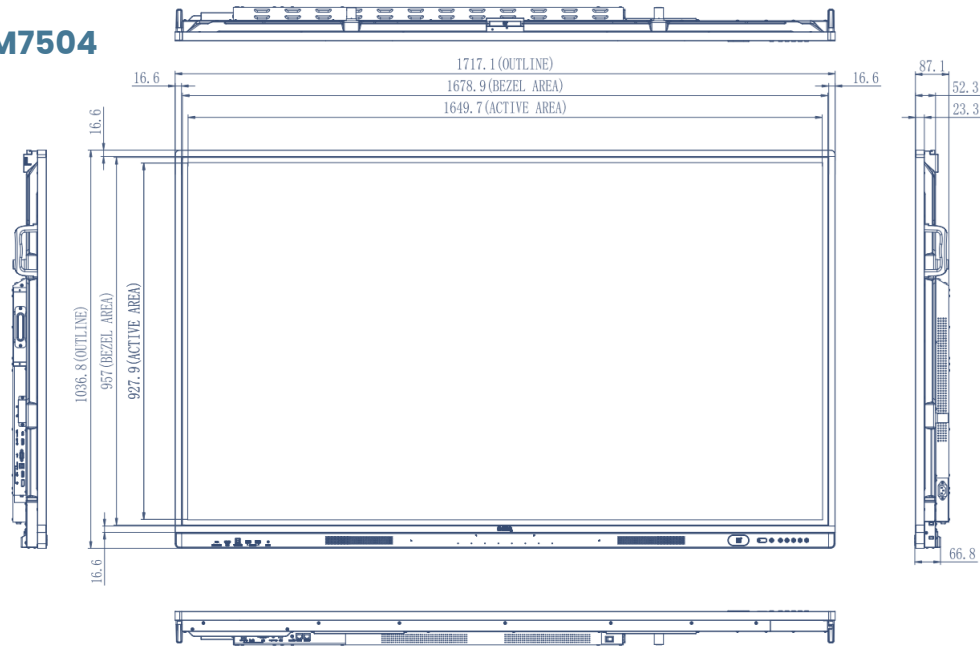


DIMENSION & WALLMOUNT

RM6504



RM7504



RM8604

