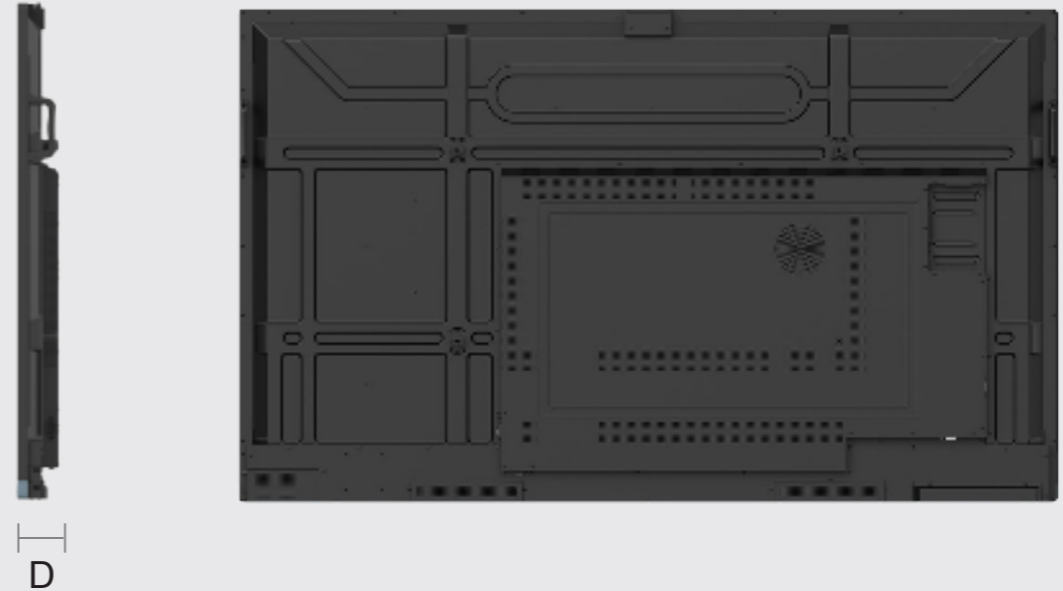


BenQ Board Master Series | RM04

65" | 75" | 86"

INTEGRATE AV
Unified Communications & Collaboration Technologies

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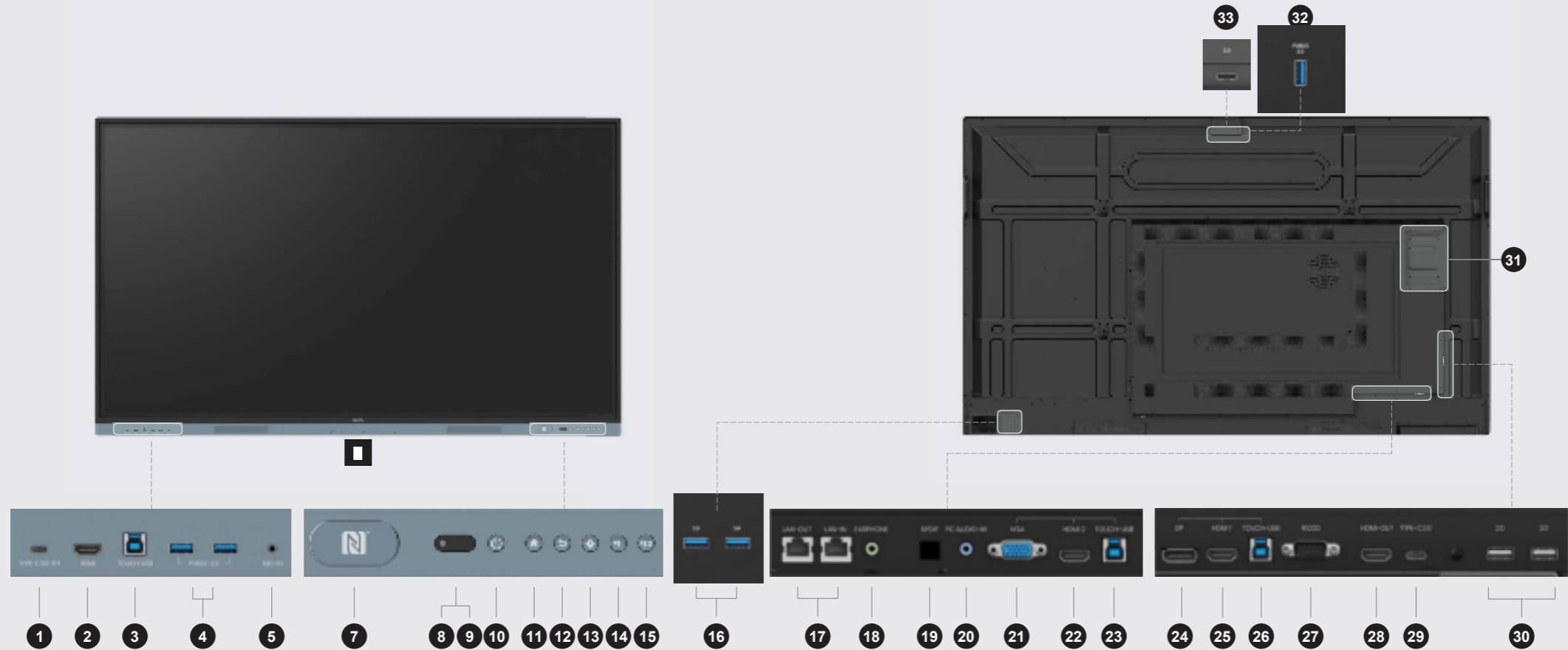
Dimensions (W×H×D)

RM6504 | 1489.3 × 905.8 × 87.1 mm (58.6 × 35.7 × 3.4 in)

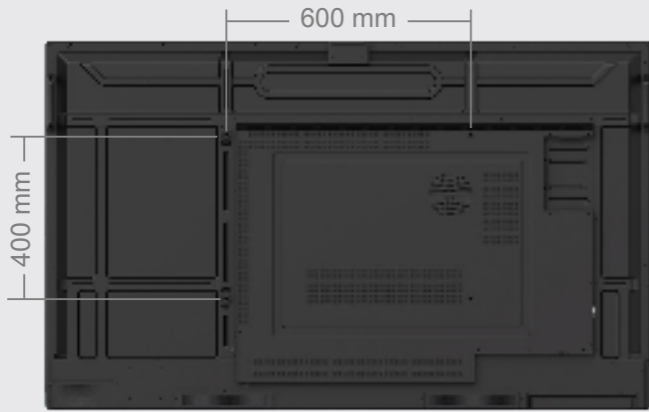
RM7504 | 1717.1 × 1036.8 × 87.1 mm (67.6 × 40.8 × 3.4 in)

RM8604 | 1962.4 × 1174.9 × 87.1 mm (77.3 × 46.3 × 3.4 in)

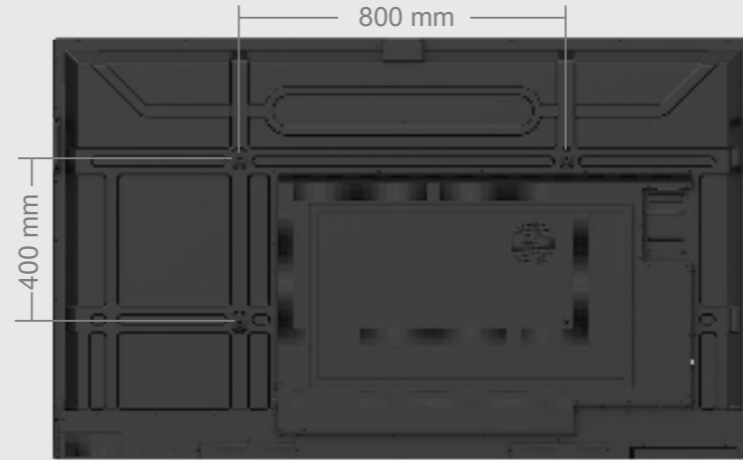
BENQ



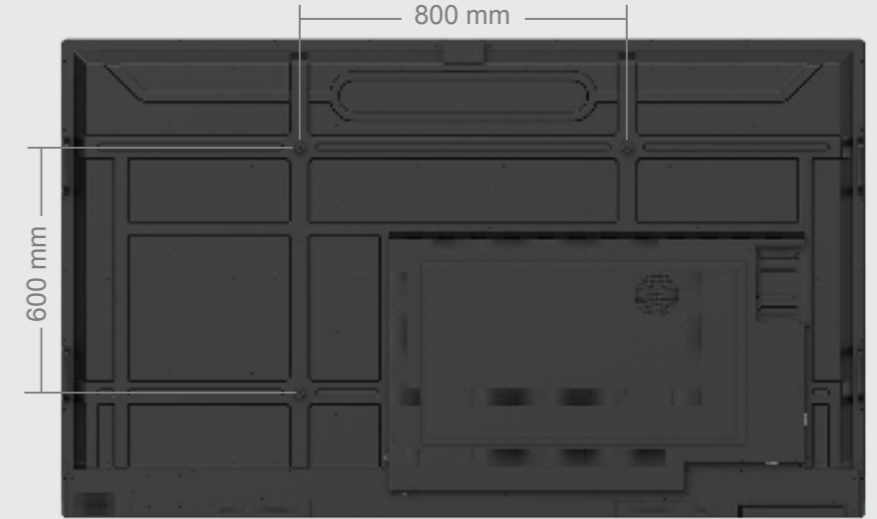
- | | | | | | | |
|-------------------|-------------------------|-----------------|--------------------|--------------------|--------------------|--------------------|
| 1. USB 3.0 Type-C | 6. 8-microphone array | 11. Home | 16. USB 3.0 Type-A | 21. VGA | 26. Touch USB | 31. OPS slot |
| 2. HDMI in | 7. NFC sensor | 12. Back | 17. Ethernet | 22. HDMI in | 27. RS-232 | 32. USB 3.0 Type-A |
| 3. Touch USB | 8. Ambient light sensor | 13. Menu | 18. Earphone jack | 23. Touch USB | 28. HDMI out | 33. USB 3.0 Type-C |
| 4. USB 3.0 Type-A | 9. IR sensor | 14. Volume down | 19. S/PDIF | 24. DisplayPort in | 29. USB 3.0 Type-C | |
| 5. Microphone in | 10. Power | 15. Volume up | 20. Audio in (VGA) | 25. HDMI in | 30. USB 2.0 Type-A | |



RM6504



RM7504



RM8604

Size	VESA specification	Screw type	Quantity
65"	600 × 400 mm	M8 × 25L	4
75"	800 × 400 mm	M8 × 25L	4
86"	800 × 600 mm	M8 × 25L	4

Model	RM6504	RM7504	RM8604
Panel			
Screen size	65"	75"	86"
Panel type	IPS	IPS	IPS
Resolution	UHD 3840 × 2160 pixels	UHD 3840 × 2160 pixels	UHD 3840 × 2160 pixels
Active area	1428.5 × 803.5 mm	1649.7 × 927.9 mm	1895.0 × 1066.0 mm
Aspect ratio	16:9	16:9	16:9
Panel brightness (typical)	450 nits	450 nits	450 nits
Contrast ratio (typical)	1200:1	1200:1	1200:1
Dynamic contrast ratio	50,000:1	50,000:1	50,000:1
Color depth	10-bit	10-bit	10-bit
Response time	8 ms	8 ms	8 ms
Color gamut	72% NTSC	72% NTSC	72% NTSC
Backlight life (typical)	50,000 hrs	50,000 hrs	50,000 hrs
Orientation	Landscape	Landscape	Landscape
Glass			
Hardness	9H tempered	9H tempered	9H tempered
Germ-resistant technology	Nano-ionic silver	Nano-ionic silver	Nano-ionic silver
Anti-glare	Yes	Yes	Yes
Touch screen			
Touch technology	High Precision IR	High Precision IR	High Precision IR
Touch points	up to 40	up to 40	up to 40
Touch response time	< 8 ms	< 8 ms	< 8 ms
System			
CPU	Arm Cortex-A73 × 4 + A53 × 4	Arm Cortex-A73 × 4 + A53 × 4	Arm Cortex-A73 × 4 + A53 × 4
GPU	Arm Mali-G52 MP8	Arm Mali-G52 MP8	Arm Mali-G52 MP8
Memory Storage	8GB 32GB	8GB 32GB	8GB 32GB
Operating system	Android 13 (EDLA)	Android 13 (EDLA)	Android 13 (EDLA)

Connectivity			
USB-C	1 × 3.0 (PD 65 W), 2 × 3.0	1 × 3.0 (PD 65 W), 2 × 3.0	1 × 3.0 (PD 65 W), 2 × 3.0
USB Type-B (for touch)	3 × 3.0	3 × 3.0	3 × 3.0
USB Type-A	5 × 3.0, 2 × 2.0	5 × 3.0, 2 × 2.0	5 × 3.0, 2 × 2.0
HDMI (in out)	3 × HDMI 2.0 1 × HDMI 2.0	3 × HDMI 2.0 1 × HDMI 2.0	3 × HDMI 2.0 1 × HDMI 2.0
DisplayPort in	1 × 1.2a	1 × 1.2a	1 × 1.2a
VGA in	1	1	1
Audio in	1 × 3.5 mm microphone jack 1 × 3.5 mm audio jack (VGA)	1 × 3.5 mm microphone jack 1 × 3.5 mm audio jack (VGA)	1 × 3.5 mm microphone jack 1 × 3.5 mm audio jack (VGA)
Audio out	1 × 3.5 mm earphone jack	1 × 3.5 mm earphone jack	1 × 3.5 mm earphone jack
S/PDIF out	1 (optical)	1 (optical)	1 (optical)
RS-232	1	1	1
OPS slot (for slot-in PC)	1	1	1
Ethernet	Gigabit	Gigabit	Gigabit
Wi-Fi	Wi-Fi 6 (optional)	Wi-Fi 6	Wi-Fi 6
Bluetooth®	Bluetooth 5.2	Bluetooth 5.2	Bluetooth 5.2
Built-in peripherals			
NFC sensor	Yes	Yes	Yes
Ambient light sensor	Yes	Yes	Yes
IR sensor	Yes	Yes	Yes
Microphone	8-microphone array (range: up to 8 m 26ft)	8-microphone array (range: up to 8 m 26ft)	8-microphone array (range: up to 8 m 26ft)
Speaker	2 × 20 W (max)	2 × 20 W (max)	2 × 20 W (max)
Power			
ENERGY STAR®	Yes	Yes	Yes
Power	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz
Standby power consumption	<0.5 W	<0.5 W	<0.5 W
Typical power consumption	106.1 W	124.7 W	168.9 W
Physical			
Dimensions (W × H × D)	1489.3 × 905.8 × 87.1 mm (58.6 × 36.9 × 4.6 in)	1717.1 × 1036.8 × 87.1 mm (67.6 × 40.8 × 3.4 in)	1962.4 × 1174.9 × 87.1 mm (77.3 × 46.3 × 3.4 in)
Shipping dimensions (W × H × D)	1640 × 1010 × 185 mm (64.6 × 39.8 × 7.3 in)	1860 × 1125 × 185 mm (73.2 × 44.3 × 7.3 in)	2095 × 1265 × 185 mm (82.5 × 49.8 × 7.3 in)
Weight (product shipping)	37.8 kg 51.5 kg (83.3 lbs 113.5 lbs)	51.5 kg 67.6 kg (113.5 lbs 149 lbs)	65.2 kg 82.9 kg (143.7 lbs 182.8 lbs)
Mount (screws)	VESA 600 × 400 mm (4 × M8 × 25L)	VESA 800 × 400 mm (4 × M8 × 25L)	VESA 800 × 600 mm (4 × M8 × 25L)

Environment			
Operating temperature	0°C ~ 40°C 32°F ~ 104°F	0°C ~ 40°C 32°F ~ 104°F	0°C ~ 40°C 32°F ~ 104°F
Storage temperature	-10°C ~ 60°C 14°F ~ 140°F	-10°C ~ 60°C 14°F ~ 140°F	-10°C ~ 60°C 14°F ~ 140°F
Storage humidity	10% ~ 80% RH non-condensing	10% ~ 80% RH non-condensing	10% ~ 80% RH non-condensing
Operating humidity	20% ~ 80% RH non-condensing	20% ~ 80% RH non-condensing	20% ~ 80% RH non-condensing
Software			
Whiteboarding	EZWrite 6.0	EZWrite 6.0	EZWrite 6.0
Wireless screen sharing	InstaShare 2	InstaShare 2	InstaShare 2
Account management	AMS	AMS	AMS
Device management	DMS	DMS	DMS
Quick access tool	Floating Tool	Floating Tool	Floating Tool
Broadcast system	X-Sign Broadcast	X-Sign Broadcast	X-Sign Broadcast
Accessories			
Cables	1 × VGA (3 m 9.8 ft), 1 × HDMI (3 m 9.8ft), 1 × USB Type-B for touch (3 m 9.8ft), 1 × USB-C (1.5 m 4.9 ft)	1 × VGA (3 m 9.8 ft), 1 × HDMI (3 m 9.8ft), 1 × USB Type-B for touch (3 m 9.8ft), 1 × USB-C (1.5 m 4.9 ft)	1 × VGA (3 m 9.8 ft), 1 × HDMI (3 m 9.8ft), 1 × USB Type-B for touch (3 m 9.8ft), 1 × USB-C (1.5 m 4.9 ft)
Wall mount	1	1	1
Pen	2	2	2
Remote control	1	1	1