

Masterfully designed

BenQ
Education

BenQ Board Master
RM6503A / RM7503A / RM8603A



ClassroomCare®



1.7x faster



Android 11



Help protect teachers and students

Provide your classrooms with extra layers of protection against common health risks so students can engage safely while learning.



Help protect teachers and students



Defend against the spread of germs

Reduce surface transmission in the classroom with ClassroomCare® germ-resistant screens. The touchscreen is made with a TÜV-certified nano-ionic silver formula that is 99.9% effective against common germs.



TÜV certified



SIAA certified



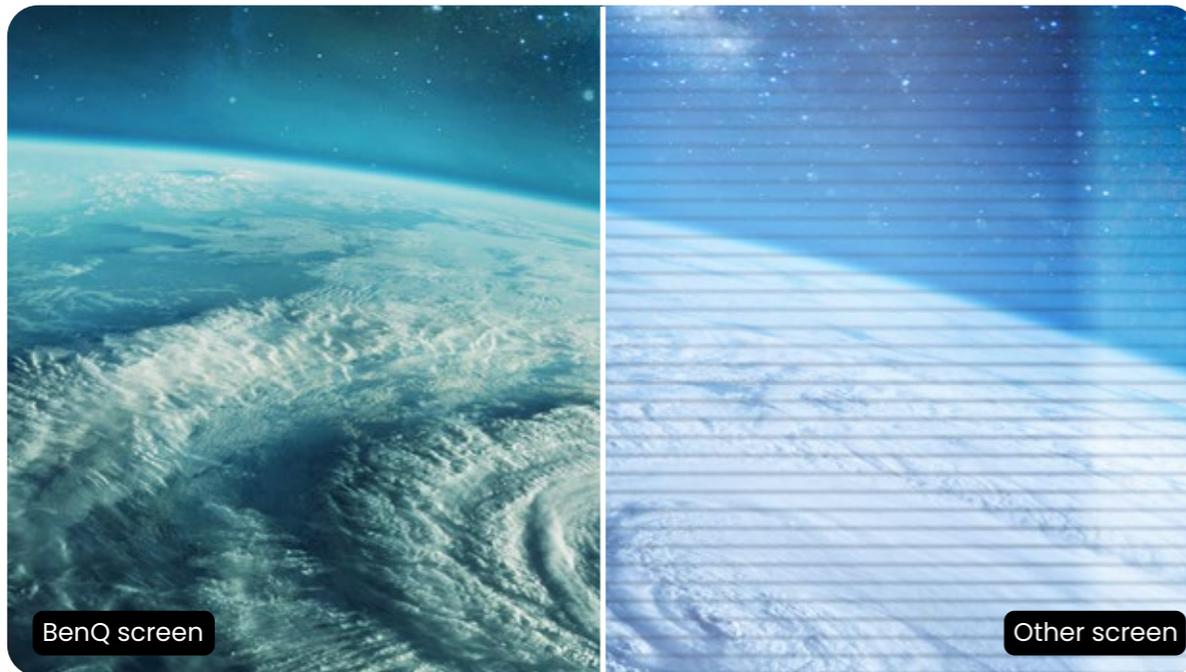
All-around protection

Shared surfaces can become potential vectors of germs. The RM03A comes with germ-resistant remote control, pens, and front ports and buttons for extended protection.



TÜV certified

Help protect teachers and students



Enhanced eye comfort

RM03A displays come with a low blue light filter and flicker-free technology for reduced eye strain and a comfortable viewing experience. Additionally, anti-glare screens ensure that displayed content is seen clearly from anywhere in the classroom.



TÜV certified



Flicker-free



Anti-glare



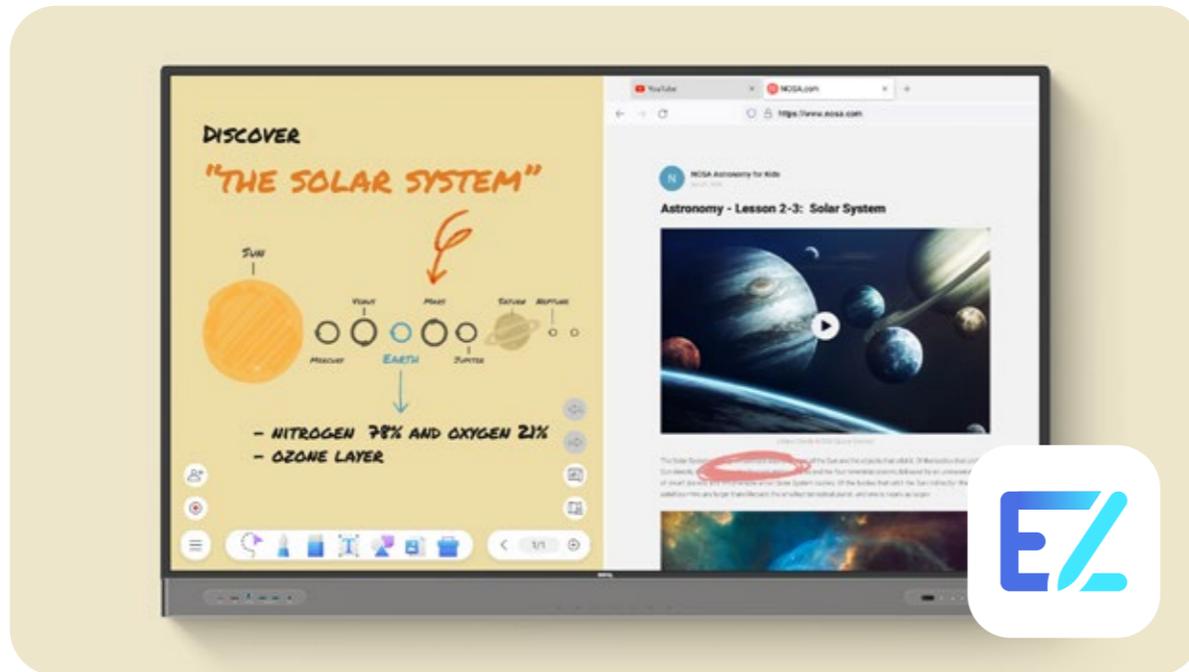
Low blue light

Teach your way

Deliver lessons and manage classes the way you're used to, only better. Share your laptop screen and control it from the display or use the many built-in education features of the RM03A. Access your files on the cloud and enjoy a wide range of dynamic teaching tools.

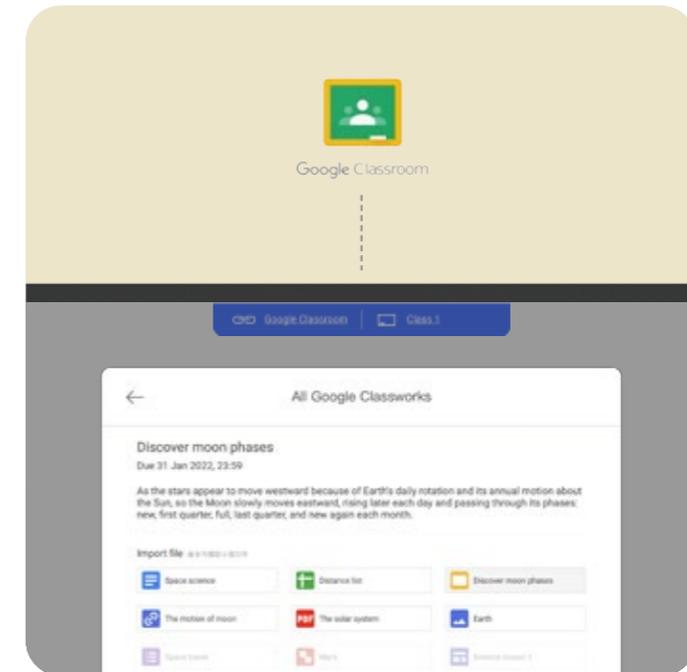


Teach your way



More than just a whiteboard

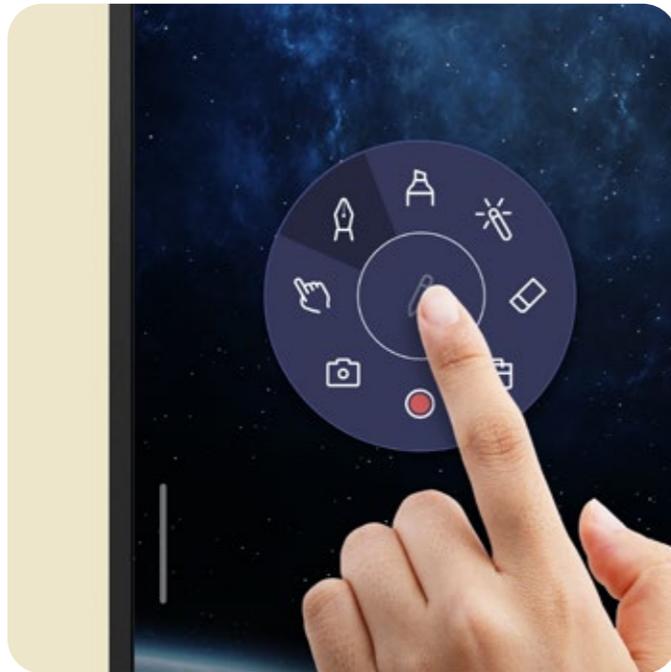
Teach using EZWrite, a powerful and intuitive whiteboard packed with classroom tools for all subjects. EZWrite 6 lets you save whiteboard sessions to continue lessons at a later time.



Streamline class management

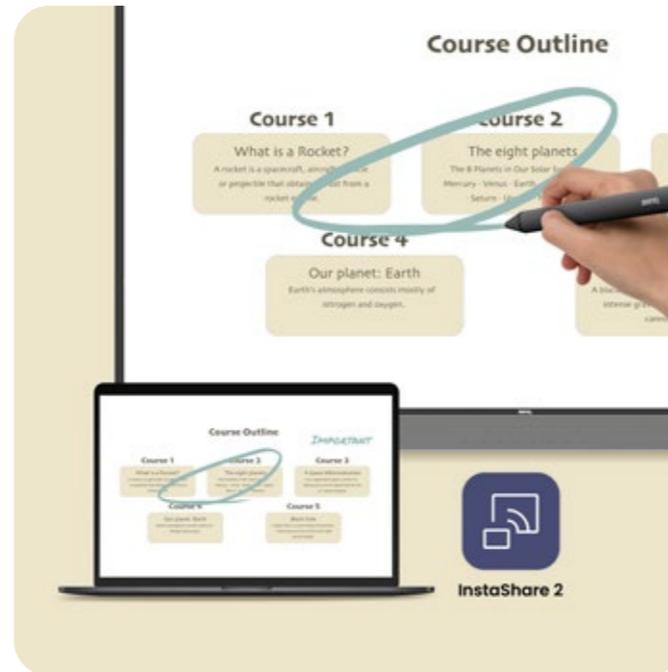
With Google Classroom integration, you can easily import lesson materials and invite students to the EZWrite Web whiteboard. Post announcements and homework to the Stream right from the BenQ Board.

Teach your way



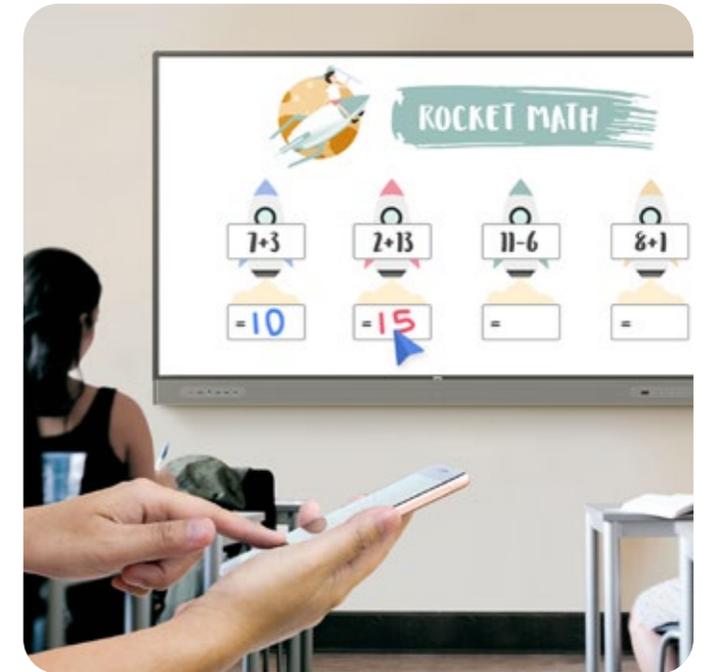
Annotate anywhere

The built-in Floating Tool lets teachers write on top of any app, website, document, or image. Annotate over content displayed from any connected Windows, Mac, iOS, iPad OS, Android, or Chrome OS device.



Teach freely

Enjoy the flexibility of teaching from anywhere in the room with InstaShare 2. You can easily share your laptop, tablet, or smartphone screen directly onto the BenQ Board. Control your device right from the display to navigate lesson material without having to go back and forth.



Control across the classroom

Turn your personal device into a remote control and teach from anywhere in the room. Manage screen sharing sessions, navigate your BenQ Board, adjust the volume, use the voice assistant, and access any app on the display.

A more flexible teaching experience

Everything you need to give immersive lessons is at your fingertips. Teach from anywhere in the classroom without the need external devices or additional software.



65 W USB Type-C



2 x 16 W speakers



Smart 8-mic array



A more flexible teaching experience



Quick access

Start a whiteboarding session, enable screen sharing, and access your files on the RM03A with a quick tap of your finger.



Hear and be heard

The built-in 2 x 16W speakers and smart 8-microphone array ensure the entire class can hear and be heard clearly during lessons.



Convenient connectivity

Charge your notebook*, display your screen, and enable touchback with a single Type-C cable using the front ports.

*Device dependent. Please check your notebook specifications.

Maximise student participation

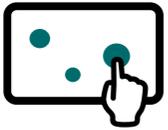
Classes have never been more fun. Whether you're teaching in person or holding a hybrid class, keep your students engaged with a wide variety of teaching tools that encourage active participation from wherever they are.



Maximise student participation

Engagement on the BenQ Board

The 4K UHD RM03A offers a smooth and intuitive writing experience that allows multiple students to interact with the BenQ Board at any time. With the EZWrite whiteboard, you can make use of fun classroom tools like Team Post for more engaging lessons.



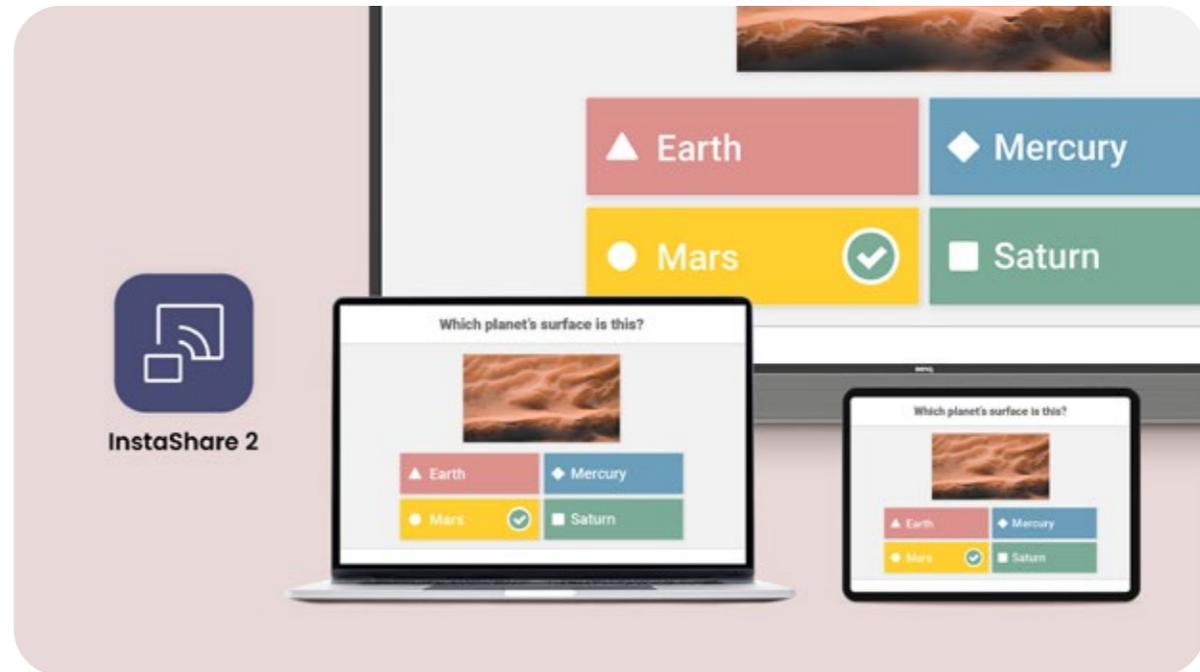
Up to 40 touch points



Fine IR+



Classroom tools



Engagement from their seats

Empower students to participate directly from their seats. With InstaShare 2, students can simultaneously cast their screens onto the BenQ Board. You can also add an element of fun by using Kahoot! to play in-class games.

Maximise student participation

Uninterrupted classes

Give lessons and manage classes the way you're used to, just better. Share your laptop screen and control it from the display or use the many built-in features of the RM03A. Access your files on the cloud and enjoy a wide range of dynamic teaching tools.



Teach anywhere

Give lessons in any distance learning environment with the EZWrite cloud whiteboard. Interact with your students on the same whiteboard in real time from different locations.

Learn anywhere

Always be ready to learn from home or invite a remote speaker. With a slot-in PC or the InstaShare Button (sold separately), the RM03A is compatible with leading video conferencing software such as Zoom, Teams, and Google Meet.

Tools for IT and admin staff

BenQ Boards make display management simple so you can focus on what matters.



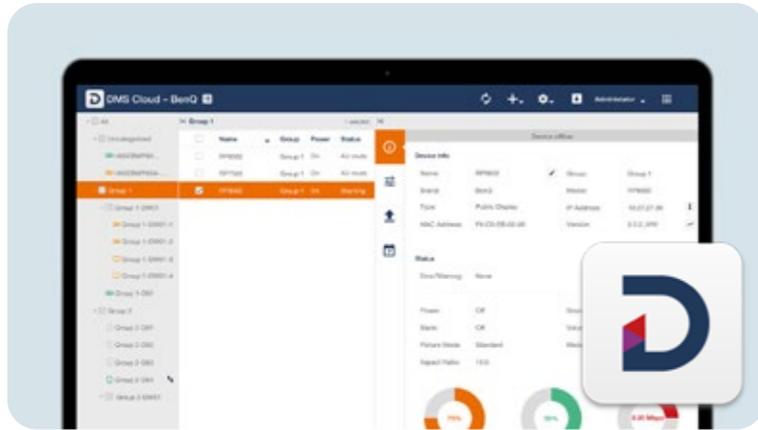
Dustproof



Device management



Tools for IT and admin staff



Centralised device management and analytics

Easily monitor and analyse the status of all your BenQ devices on a single dashboard. Manage displays, apps, and OTA updates remotely for maximum convenience.



IP5X dust protection

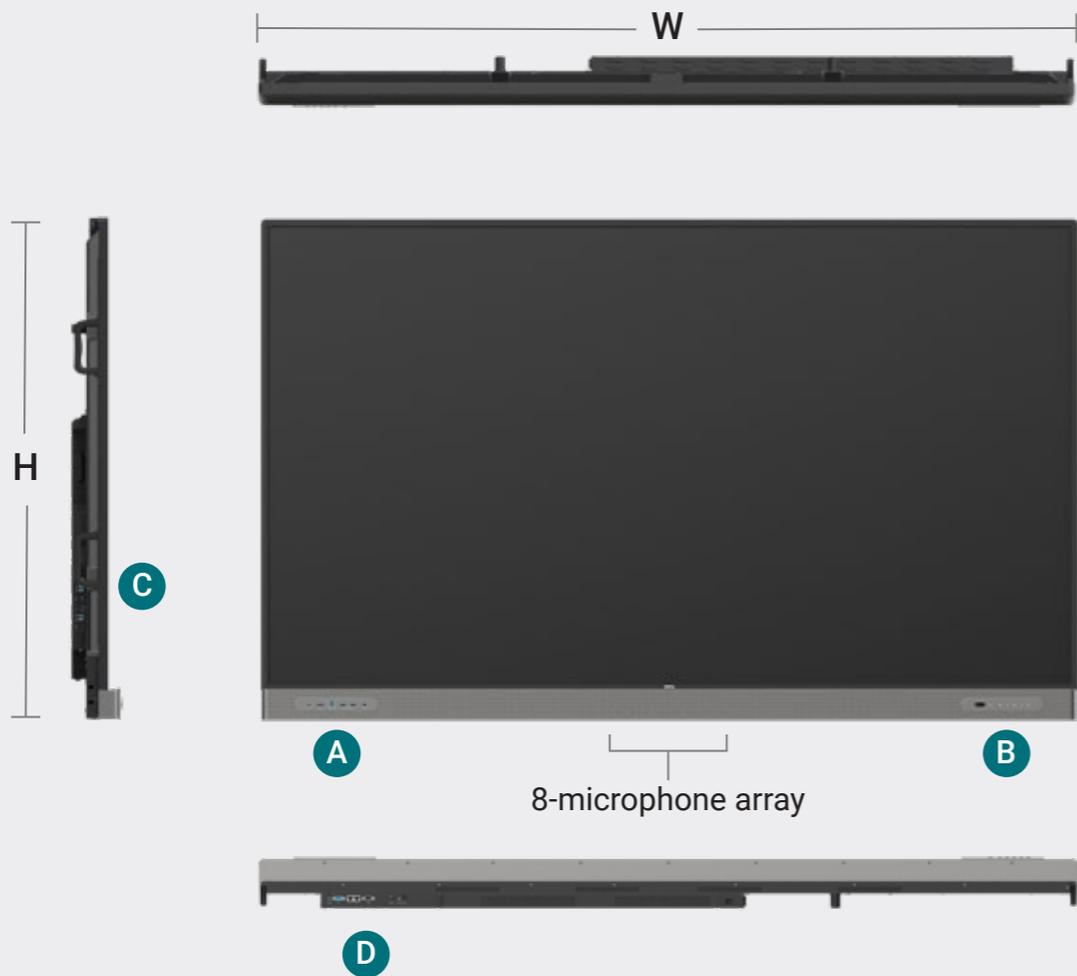
The RM03A panel meets IP5X standards to ensure consistent operation, even in dust-prone environments.

*Complies with IEC standard 60529



Effective communication across school

Keep everyone informed and up to date on events, safety protocols, and emergencies. Deliver clear and effective messages to multiple BenQ Boards with X-Sign Broadcast.

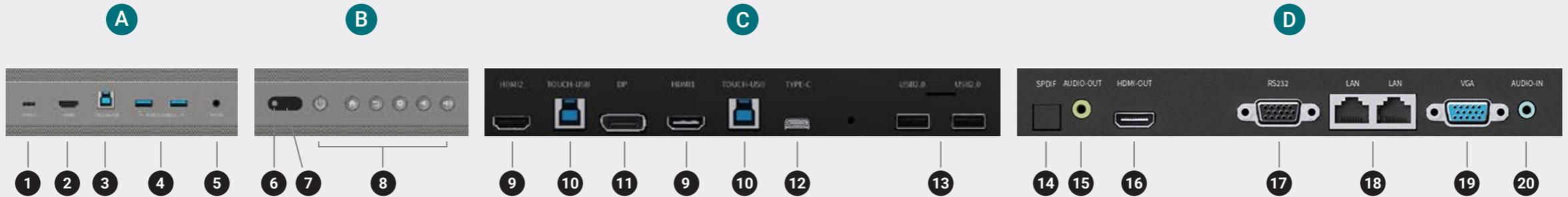


Dimensions (W×H×D)

RM6503A | 1489.3 × 934.3 × 121.7 mm (58.6 × 36.7 × 4.8 inch)

RM7503A | 1717.1 × 1065.3 × 121.8 mm (67.6 × 41.9 × 4.8 inch)

RM8603A | 1962.4 × 1203.4 × 121.7 mm (77.3 × 47.4 × 4.8 inch)



A. Front left _____

- 1. USB Type-C
- 2. HDMI
- 3. USB Type-B (for touch)
- 4. USB 3.0
- 5. 3.5 mm mic in

B. Front Right _____

- 6. Ambient light sensor
- 7. IR remote receiver
- 8. Front buttons

C. Right _____

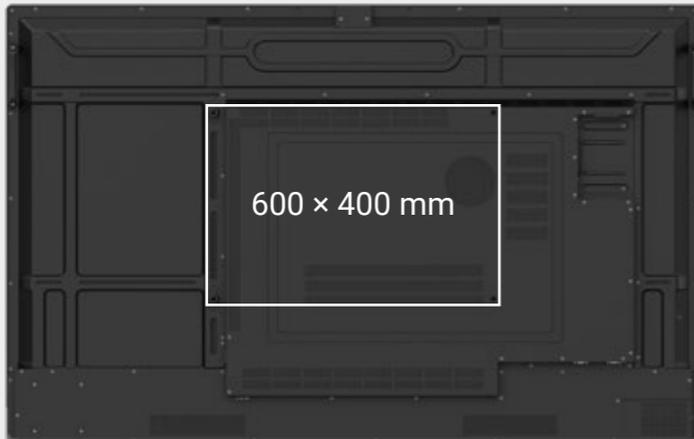
- 9. HDMI
- 10. USB Type-B (for touch)
- 11. DisplayPort
- 12. USB Type-C
- 13. USB 2.0

D. Bottom _____

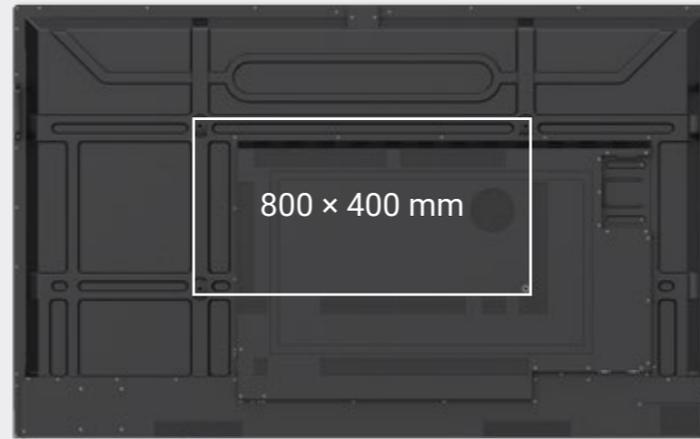
- 14. S/PDIF out
- 15. 3.5 mm audio out
- 16. HDMI out
- 17. RS-232
- 18. Gigabit Ethernet
- 19. VGA
- 20. 3.5 mm audio in

 VESA® Wall Mount

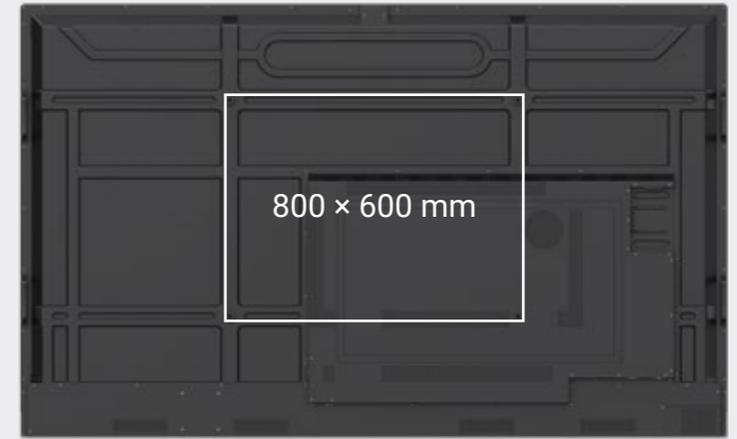
RM6503A



RM7503A



RM8603A



Models	RM6503A	RM7503A	RM8603A
Panel			
Screen size	65"	75"	86"
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
Brightness without glass (typical)	400 nits	450 nits	450 nits
Contrast ratio (typical)	1200:1	1200:1	1200:1
Dynamic contrast ratio	30,000:1	30,000:1	30,000:1
Color depth	10-bit	10-bit	10-bit
Response time	8 ms	8 ms	8 ms
Color gamut	72% NTSC	72% NTSC	72% NTSC
Operation hours	18 hours / 7 days	18 hours / 7 days	18 hours / 7 days
Light 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 coating	Yes	Yes	Yes
Touch screen			
Touch points	up to 40	up to 40	up to 40
Touch response time	< 10 ms	< 10 ms	< 10 ms
Platform System			
CPU	A73 × 4 + A53 × 4	A73 × 4 + A53 × 4	A73 × 4 + A53 × 4
GPU	G52 MP8	G52 MP8	G52 MP8
Memory Storage	8GB 32GB	8GB 32GB	8GB 32GB
OS	Android 11.0	Android 11.0	Android 11.0

Models	RM6503A	RM7503A	RM8603A
Connectivity			
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 out)	1 × 1.2a No	1 × 1.2a No	1 × 1.2a No
VGA (in out)	1 0	1 0	1 0
3.5 mm Line in (1)	Mic × 1	Mic × 1	Mic × 1
3.5 mm Line in (2)	PC Audio × 1	PC Audio × 1	PC Audio × 1
3.5 mm Line out	Earphone × 1	Earphone × 1	Earphone × 1
SPDIF (in out)	0 1 (optical)	0 1 (optical)	0 1 (optical)
USB-A	2 × USB 2.0 + 5 × USB 3.2 Gen 1 × 1	2 × USB 2.0 + 5 × USB 3.2 Gen 1 × 1	2 × USB 2.0 + 5 × USB 3.2 Gen 1 × 1
USB-B (for touch)	3 × 3.0	3 × 3.0	3 × 2.0
USB-C	1 × USB 3.2 Gen 1 + 1 × USB 3.2 Gen 1 (PD 65W)	1 × USB 3.2 Gen 1 + 1 × USB 3.2 Gen 1 (PD 65W)	1 × USB 3.2 Gen 1 + 1 × USB 3.2 Gen 1 (PD 65W)
Slot-in PC (OPS)	1	1	1
Ethernet LAN	10 / 100 / 1000 Mbps (Android), 10 / 100 / 1000 Mbps (OPS) × 2	10 / 100 / 1000 Mbps (Android), 10 / 100 / 1000 Mbps (OPS) × 2	10 / 100 / 1000 Mbps (Android), 10 / 100 / 1000 Mbps (OPS) × 2
Built-in peripherals			
Microphone	8	8	8
Speaker	2 × 16 W	2 × 16 W	2 × 16 W
Wi-Fi	USB wireless adapter (optional)	USB wireless adapter (optional)	USB wireless adapter (optional)
Power			
Power	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz
Maximum power consumption	420 W	480 W	650 W
Standby power consumption	<0.5 W	<0.5 W	<0.5 W
Typical power consumption	118.1 W	125.4 W	169.4 W

Models	RM6503A	RM7503A	RM8603A
Physical			
Dimensions (W x H x D)	1489.3 × 934.3 × 121.7 mm (58.6 × 36.7 × 4.8 inch)	1717.1 × 1065.3 × 121.8 mm (67.6 × 41.9 × 4.8 inch)	1962.4 × 1203.4 × 121.7 mm (77.3 × 47.4 × 4.8 inch)
Shipping dimensions (W x H x D)	1640 × 1040 × 200 mm (64.6 × 40.9 × 7.9 inch)	1860 × 1160 × 200 mm (73.2 × 45.7 × 7.9 inch)	2095 × 1310 × 205 mm (82.5 × 51.6 × 8.1 inch)
Weight (product shipping)	41.0 kg 54.0 kg (90.3 lbs 119.0 lbs)	53.5 kg 68.0 kg (117.9 lbs 149.9 lbs)	68.2 kg 85.0 kg (150.4 lbs 187.4 lbs)
Mount (screws)	VESA 600 × 400 mm (4 × M8 × 25L)	VESA 800 × 400 mm (4 × M8 × 25L)	VESA 800 × 600 mm (4 × M8 × 25L)
Pen Tray	1	1	1
Environment			
Operating temperature	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
Storage temperature	-10°C ~ 60°C	-10°C ~ 60°C	-10°C ~ 60°C
Storage humidity	10% ~ 60% RH Non-Condensing	10% ~ 80% RH Non-Condensing	10% ~ 60% RH Non-Condensing
Operating humidity	20% ~ 80% RH Non-Condensing	20% ~ 90% RH Non-Condensing	20% ~ 80% RH Non-Condensing
Accessories			
Cables	1 × VGA (3m), 1 × HDMI (3m), 1 × USB-B for touch (3m), 1 × USB-C (1.5m)	1 × VGA (3m), 1 × HDMI (3m), 1 × USB-B for touch (3m), 1 × USB-C (1.5m)	1 × VGA (3m), 1 × HDMI (3m), 1 × USB-B for touch (3m), 1 × USB-C (1.5m)
Wall mount	1	1	1
Stylus	2	2	2
Remote control	1	1	1



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