BenQ

Powerful in every way

Satellite Link

Satellites provide information about Earth's clouds, oceans, land, and air that helps scientists predict weather and climate.

Sensors

Antenna

Solar panels

BenQ Board Pro

RP6503 / RP7503 / RP8603
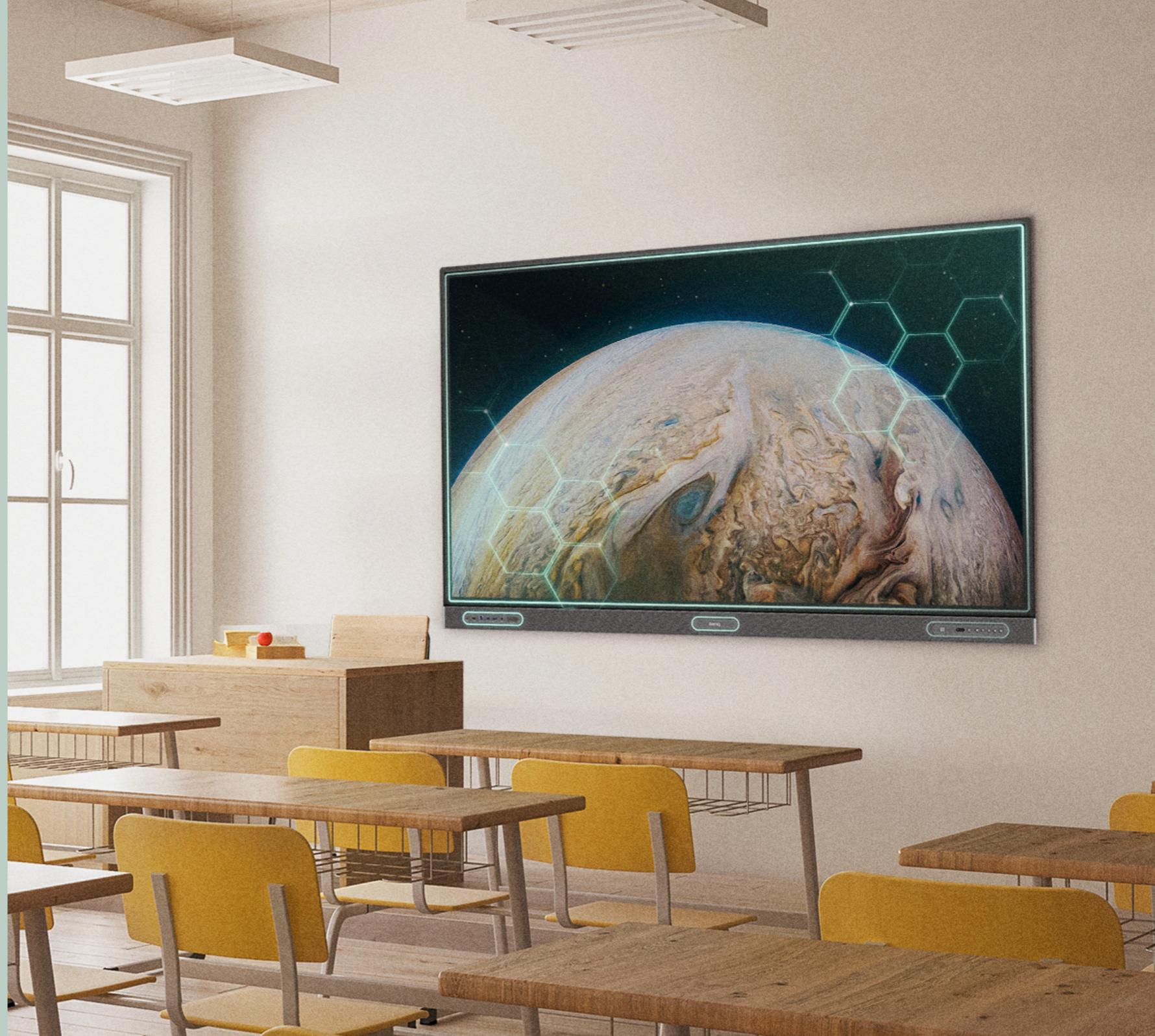
ClassroomCare®

Air ionizer

Dolby AUDIO

Immersive sound

Ultimate protection for teachers and students

The BenQ Board Pro provides additional layers of protection against health risks in the classroom to make active engagement safe for everyone.

ClassroomCare®

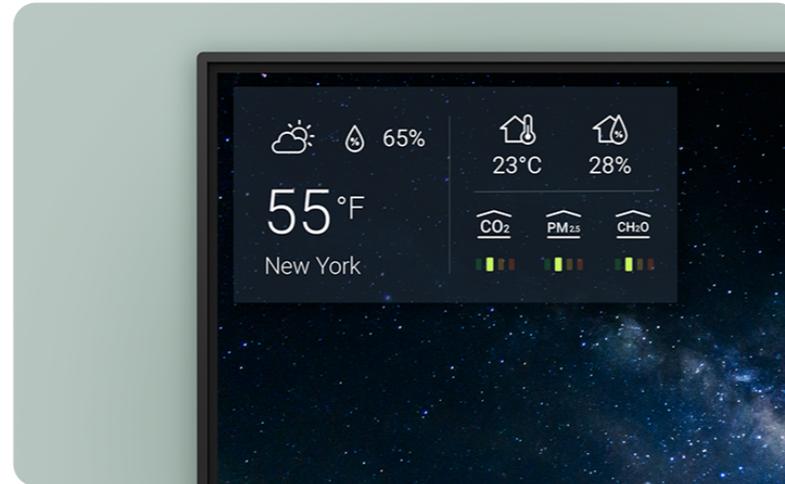# Ultimate protection for teachers and students

All-around protection

Shared surfaces can become potential vectors of germs. The RP03 comes with germ-resistant pens and remote controls for extended protection.

TÜV certified

A breath of fresh air

Poor indoor air quality negatively affects student health and performance. Our exclusive built-in air quality sensors allow you to monitor CO_2 and $PM_{2.5}$, and formaldehyde levels in the classroom so you can regulate air flow accordingly.
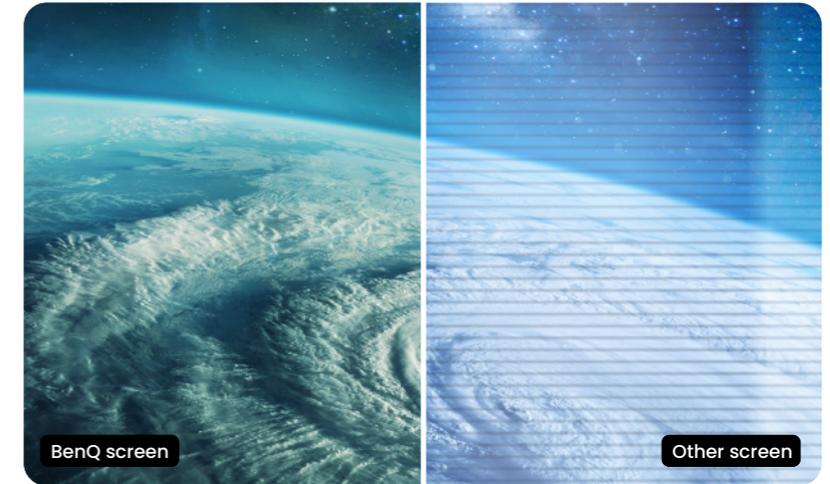

Air ionizer

Purify the air around the RP03 with an ionizer that automatically clears impurities when pollutant levels rise.

Air quality analytics

Centrally monitor the air quality, temperature, and humidity in all your classrooms from a single dashboard.
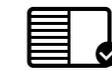
Maximum eye protection

The RP03 is the first and only interactive display to meet Eyesafe standards, offering the highest level of protection available for the eyes. By minimizing high-energy blue light emission, the RP03 reduces eye strain while maintaining vivid, true-to-life colors.

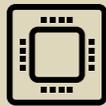TÜV certified   Eyesafe certified   Flicker-free   Low blue light   Anti-glare

Discover new ways to teach

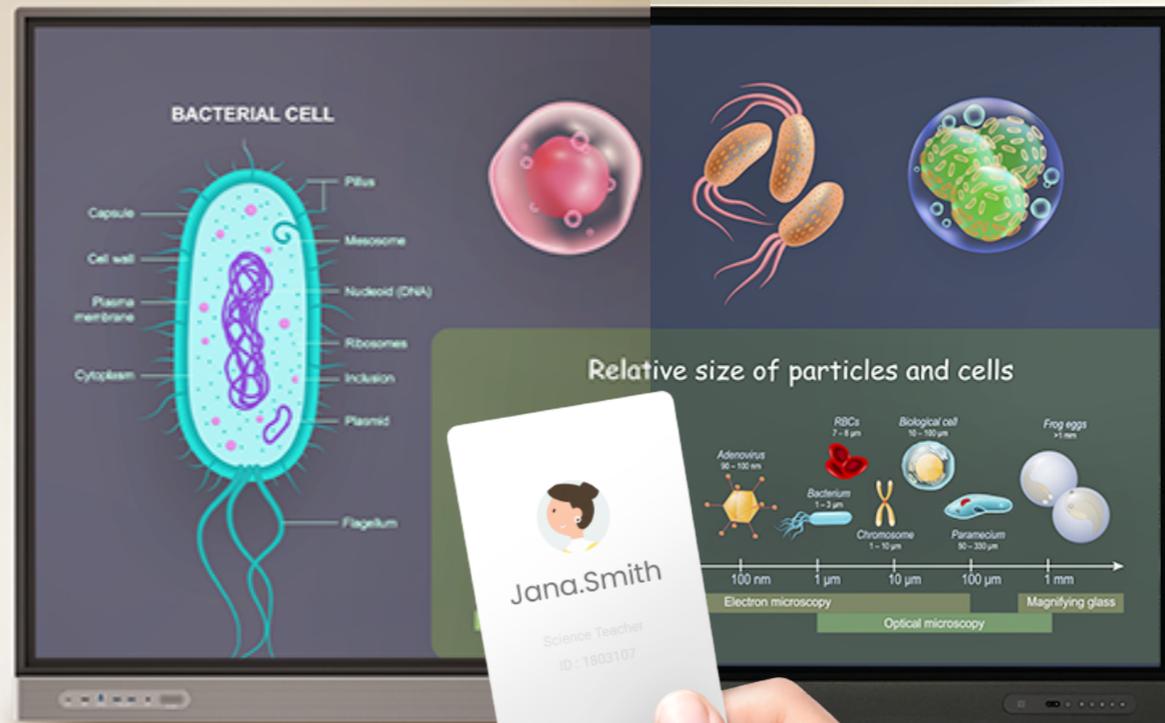Teach with confidence knowing all the classroom tools you need to give great lessons are always a tap away.

One-tap login

2x faster than previous gen

8GB memory | 64GB storage

Discover new ways to teach

Tap and teach

Save time by securely accessing your files with a simple tap. Using an NFC card, you can access your cloud storage and load personal settings on any BenQ Board Pro.
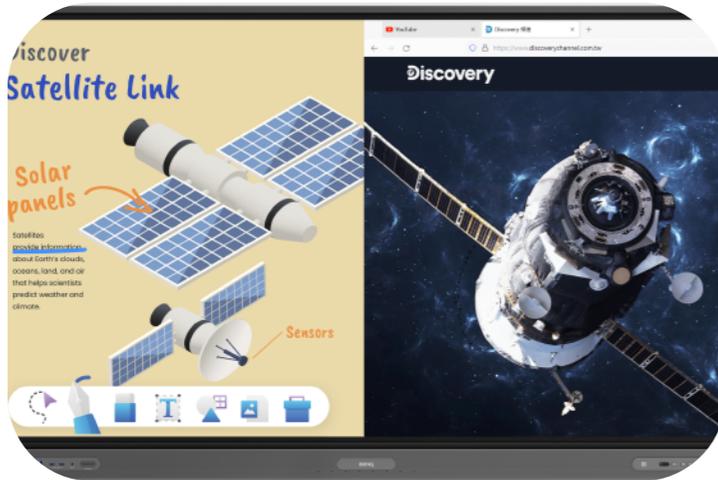

Start whiteboarding with a tap

Open the EZWrite 6 whiteboard at any time with a quick tap of the pen.

More than just a whiteboard

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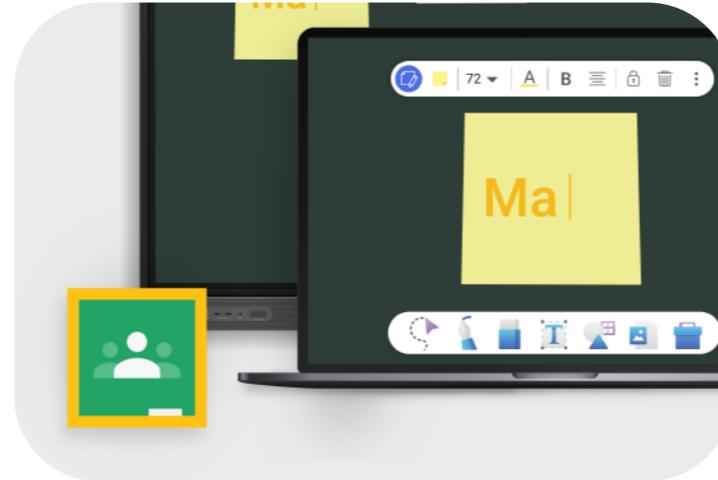
Discover new ways to teach


More efficient teaching

Double your teaching efficiency by running two apps side by side. Have the EZWrite 6 whiteboard on one side and the browser or lesson content on the other, all on one screen.
*Available on Q4 2022

More streamlined class management

With Google Classroom integration, you can import lesson materials and invite students to the EZWrite 6 Web whiteboard. Post announcements to the Stream for your class right from the display.
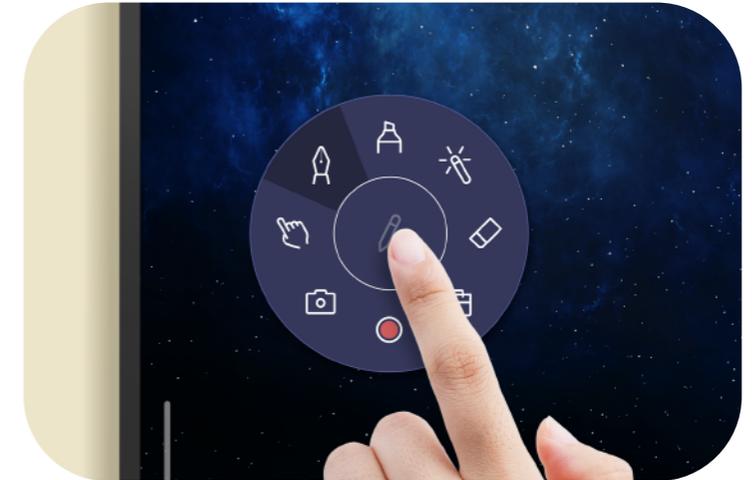
Annotate anywhere

The built-in Floating Tool lets you 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.

A more flexible teaching experience

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

A more flexible teaching experience

Quick access

Start a whiteboarding session, enable screen sharing, and access your files on the RP03 with a single tap.

Microphone array

Let lessons be heard clearly using the 8 built-in microphones with echo cancellation and noise reduction.

Convenient connectivity

The RP03 comes with all the front ports classrooms need, allowing you to display screens, charge devices, and enable touch.

Voice assistant

Teach from anywhere in the classroom with the remote control and voice typing for increased accessibility.
*Available on Q4 2022

Captivate your class

Encourage active participation at every lesson with a wide variety of teaching tools that make classes fun. Whether you're teaching in person or holding a hybrid class, keep your students engaged and boost their learning retention.

Captivate your class

Engagement on the BenQ Board

Get a smooth and intuitive writing experience that allows multiple students to interact with the display at the same time for group work and competitions. With the EZWrite 6 whiteboard, you can make use of fun classroom tools to give more engaging lessons.
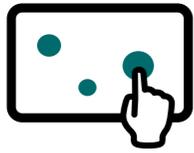
40 touch points

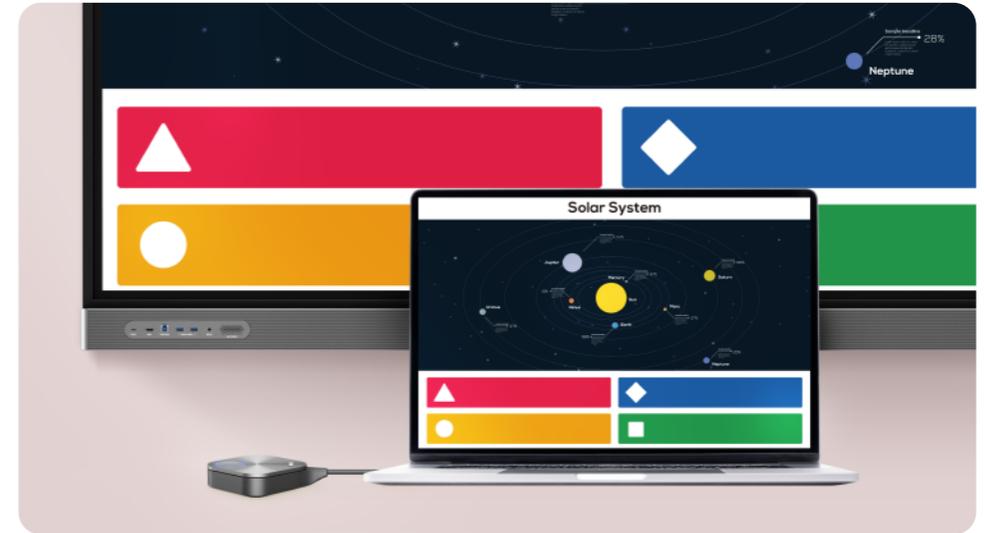The RP03 picks up to 40 touch points to let everyone interact on the display at the same time.
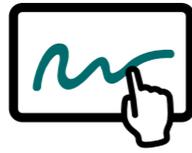
Natural writing

Zero gap between the glass and panel makes writing on the RP03 feel as smooth as writing on paper.

Fine IR+

Fine IR+ touch enables the most accurate writing experience of any BenQ Board.

Engagement from their seats

Empower students to participate 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.

![Dolby Audio logo]

Immersive audio and visuals

Experience unmatched audiovisuals on the first and only interactive display with rich Dolby Digital Plus sound on the built-in 2 x 16 speakers with subwoofer and crystal-clear 4K UHD images.

Captivate your class

Teach anywhere

Always be ready to learn from home. With a slot-in PC or the InstaShare Button, the BenQ Board Pro is compatible with all leading video conferencing software.

Learn anywhere

Teach in any distance learning environment with EZWrite 6. Interact with your students on the same whiteboard from different locations.
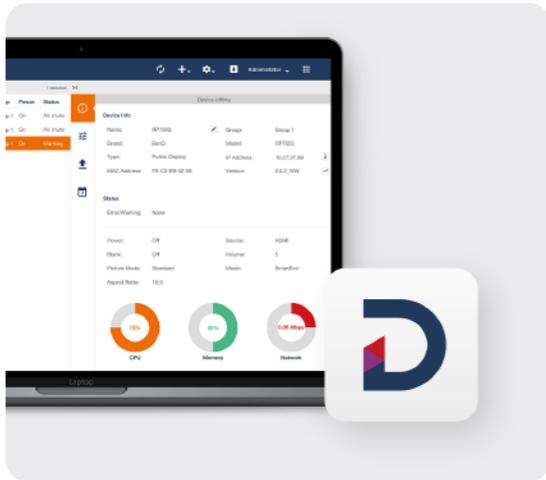
Plug and teach

Teach students joining from home or participate in remote events as a class on the RP03 with a dedicated port for cameras.

Tools for IT and admin staff

BenQ Boards make display management simple so you can focus on what matters.
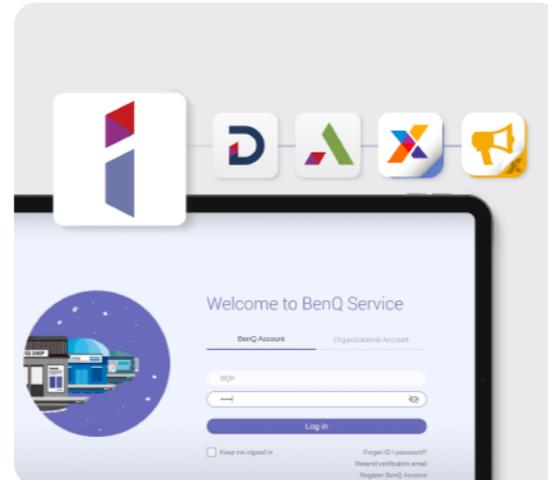
Tools for IT and admin staff

Device analytics

Get detailed analytics of all your BenQ devices to increase operational efficiency. With customizable reports, you can easily monitor daily usage and group displays by floor, grade, or building.

Streamline account management

Use your school's account credentials to log into BenQ Boards and access all BenQ services. Streamline account management by connecting to Azure Active Directory and enabling account synchronization.
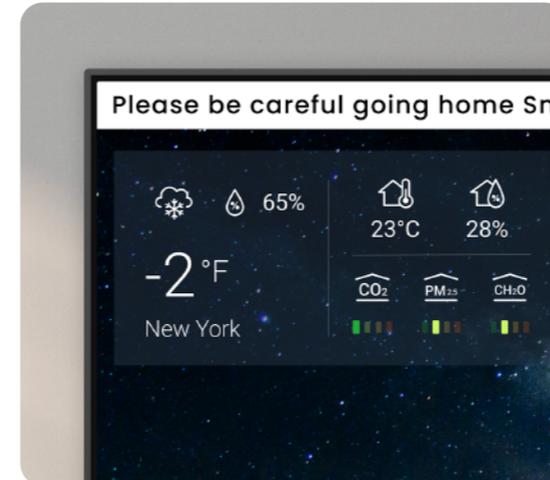
Effective communication across school

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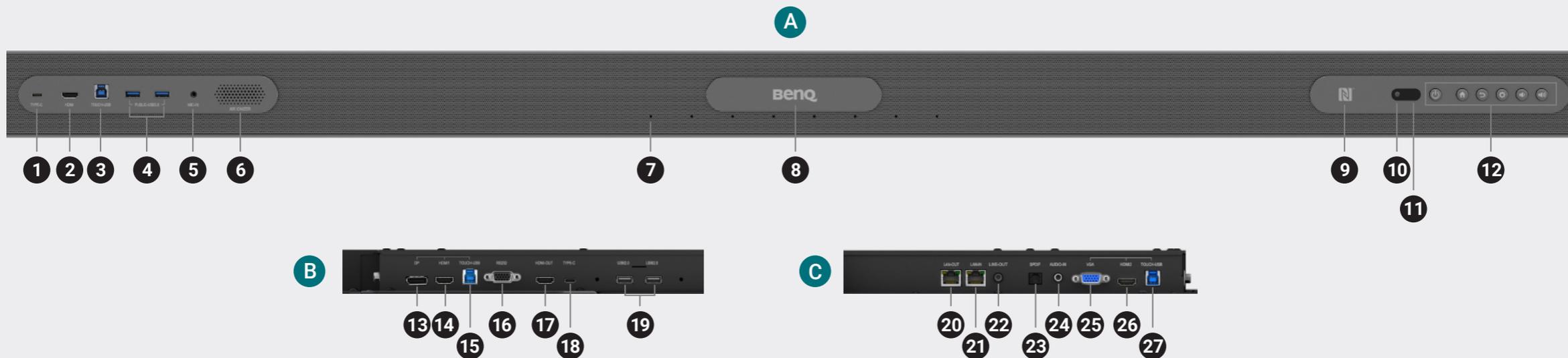

IP5X dust protection

The RP03 panel meets IP5X standards to ensure consistent operation, even in dust-prone environments.
 *Complies with IEC standard 60529

W

H

D

A

B

C

USB 3.0 (for Camera)

OPS Slot (Port)

2 × USB 3.0

Dimensions (W×H×D)

RP6503 | 1489.3 × 934.3 × 121.5 mm (58.6 × 36.8 × 4.8 inch)

RP7503 | 1717.1 × 1065.3 × 121.7 mm (67.6 × 41.5 × 4.8 inch)

RP8603 | 1962.4 × 1203.4 × 121.5 mm (77.3 × 47.4 × 4.8 inch)

A : Front

1. USB Type-C
2. HDMI
3. USB Type-B (for touch)
4. USB 3.0
5. 3.5 mm mic in
6. Air ionizer
7. 8-microphone array
8. LiDAR motion sensor
9. NFC sensor
10. Ambient light sensor
11. IR remote receiver
12. Front buttons

B : Side

13. DisplayPort
14. HDMI
15. USB Type-B (for touch)
16. RS-232
17. HDMI out
18. USB Type-C
19. USB 2.0

C : Bottom

20. Gigabit Ethernet
21. Gigabit Ethernet
22. 3.5 mm audio out
23. S/PDIF out
24. 3.5 mm audio in
25. VGA
26. HDMI
27. USB Type-B (for touch)

VESA® Wall Mount

RP6503

600 × 400 mm

RP7503

800 × 400 mm

RP8603

800 × 600 mm
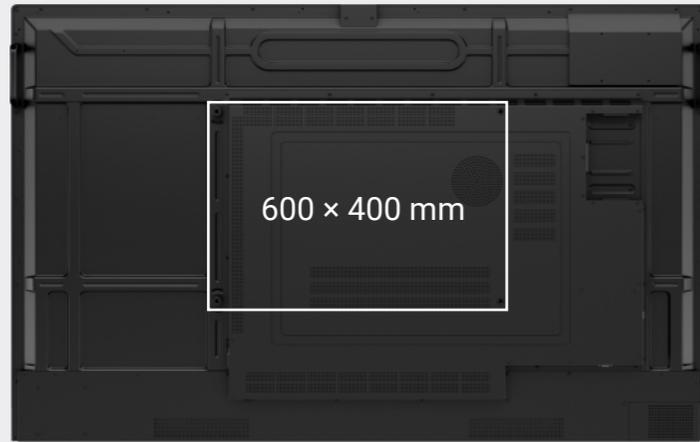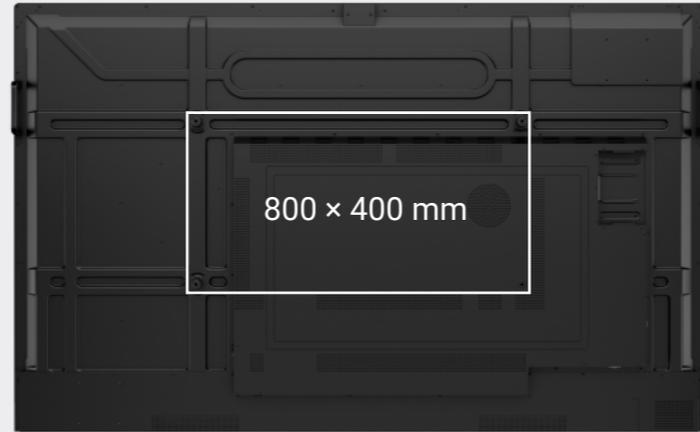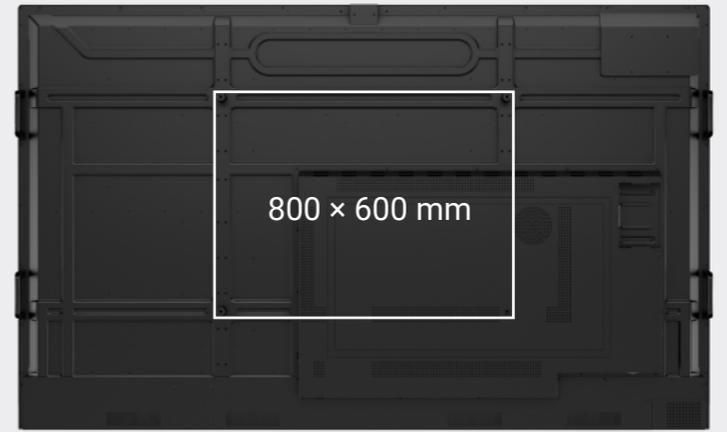
Models	RP6503	RP7503	RP8603
Panel			
Screen size	65"	75"	86"
Resolution	UHD 3840 × 2160 pixels	UHD 3840 × 2160 pixels	UHD 3840 × 2160 pixels
Aspect ratio	16:9	16:9	16:9
Brightness without glass (typical)	400 nits	450 nits	450 nits
Contrast ratio (typical)	1200:1	1200:1	1200:1
Dynamic contrast ratio	30,000:1	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
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 technology	Infrared touch	Infrared touch	Infrared touch
Touch points	40	40	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	64GB	8GB	64GB	8GB	64GB
OS	Android 11.0	Android 11.0	Android 11.0

Models	RP6503	RP7503	RP8603
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 × 2.0 + 5 × 3.0	2 × 2.0 + 5 × 3.0	2 × 2.0 + 5 × 3.0
USB-B (for touch)	3 × 3.0	3 × 3.0	3 × 3.0
USB-C	1 × 3.0 + 1 × 3.0 (PD 65 W)	1 × 3.0 + 1 × 3.0 (PD 65 W)	1 × 3.0 + 1 × 3.0 (PD 65 W)
Slot-in PC (OPS)	1	1	1
Ethernet LAN	10 / 100 / 1000 Mbps (Android & OPS) x 2	10 / 100 / 1000 Mbps (Android & OPS) x 2	10 / 100 / 1000 Mbps (Android & OPS) x 2
Built-in peripherals			
Microphone	8	8	8
Speaker	2 × 16 W	2 × 16 W	2 × 16 W
Subwoofer	1 × 16 W	1 × 16 W	1 × 16 W
Particle sensor	PM2.5	PM2.5	PM2.5
Temperature sensor	1	1	1
Humidity sensor	1	1	1
Air sensor	TVOC	TVOC	TVOC
Motion sensor	1	1	1
NFC	Yes	Yes	Yes
Wi-Fi	USB wireless adapter (optional)	USB wireless adapter (optional)	USB wireless adapter (optional)
Air Ionizer	1	1	1

Models	RP6503	RP7503	RP8603
Power			
Power	AC 100-240 V 50/60 Hz	AC 100-240 V 50/60 Hz	AAC 100-240 V 50/60 Hz
Standby power consumption	<0.5 W	<0.5 W	<0.5 W
Typical power consumption	191 W	223 W	342 W
Physical			
Dimension	1489.3 × 934.3 × 121.5 mm (58.6 × 36.8 × 4.8 inch)	1717.1 × 1065.3 × 121.7 mm (67.6 × 41.5 × 4.8 inch)	1962.4 × 1203.4 × 121.5mm (77.3 × 47.4 × 4.8 inch)
Shipping dimensions (W × H × D)	1660 × 1045 × 220 mm (65.4 × 41.1 × 8.7 inch)	1900 × 1160 × 225 mm (74.8 × 45.7 × 8.9 inch)	2160 × 1340 × 250 mm (85.0 × 52.8 × 9.8 inch)
Weight (product I shipping)	43 kg	56 kg (94.8 lbs | 123.5 lbs)	55.5 kg	70 kg (122.4 lbs | 154.3 lbs)	70.2 kg	87 kg (154.8 lbs | 191.8 lbs)
Mount (screws)	VESA 600 × 400 mm (4 × M8 × 25L)	VESA 800 × 400 mm (4 × M8 × 25L)	VESA 800 × 600 mm (4 × M8 × 25L)
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% ~ 60% RH Non-Condensing	10% ~ 60% RH Non-Condensing
Operating humidity	20% ~ 80% RH Non-Condensing	20% ~ 80% RH Non-Condensing	20% ~ 80% RH Non-Condensing
Accessories			
Cables	1 × VGA, 1 × HDMI, 1 × USB-B, 1 × USB-C	1 × VGA, 1 × HDMI, 1 × USB-B, 1 × USB-C	1 × VGA, 1 × HDMI, 1 × USB-B, 1 × USB-C
Wall mount	1	1	1
Stylus	2	2	2
Remote control	1	1	1

BenQ