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 ioniser

Dolby AUDIO

Immersive sound

ClassroomCare®

Ultimate protection for teachers and students

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

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 control for extended protection.

TÜV certified

A breath of fresh air

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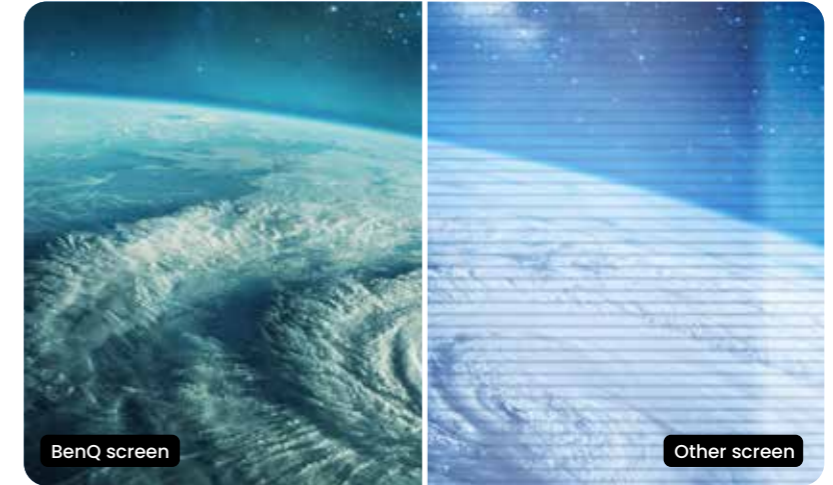
 Air ioniser

Help purify the air around the RP03 with an ioniser 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 eye protection available. By minimising high-energy blue light emission, the RP03 reduces eye strain while maintaining vivid, true-to-life colours.

TÜV certified   **Eyesafe certified**   **Flicker-free**   **Low blue light**   **Anti-glare**
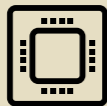
Discover new ways to teach

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

One-tap login

2X faster perfomance 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 cloud whiteboard at any time with a quick tap of the pen.

More than just a whiteboard

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

Subscription Free on

Android   Windows   Web

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.

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 and engaging lessons. Teach from anywhere in the classroom without the need for external devices or additional software.
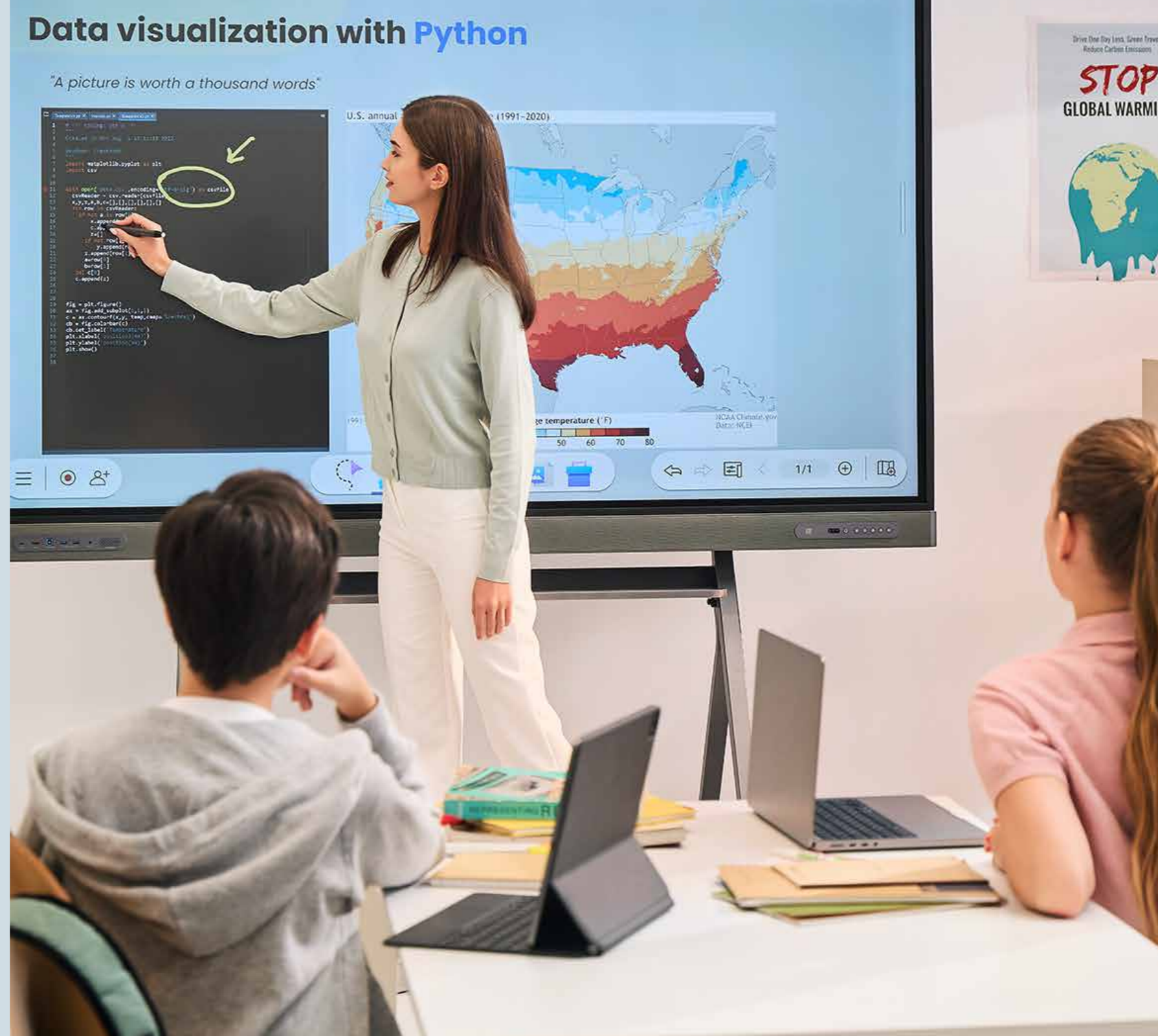
A more flexible teaching experience

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 I/O ports classrooms need, allowing you to display external 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 early 2023

Captivate
your class

Encourage active participation in every lesson with a wide variety of teaching tools that make learning fun. Whether you're teaching in person or hybrid, keep your students engaged and help 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 cloud whiteboard, you can make use of fun classroom tools to deliver more engaging lessons.
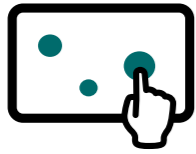
40 touch points

The RP03 registers 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 almost 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.
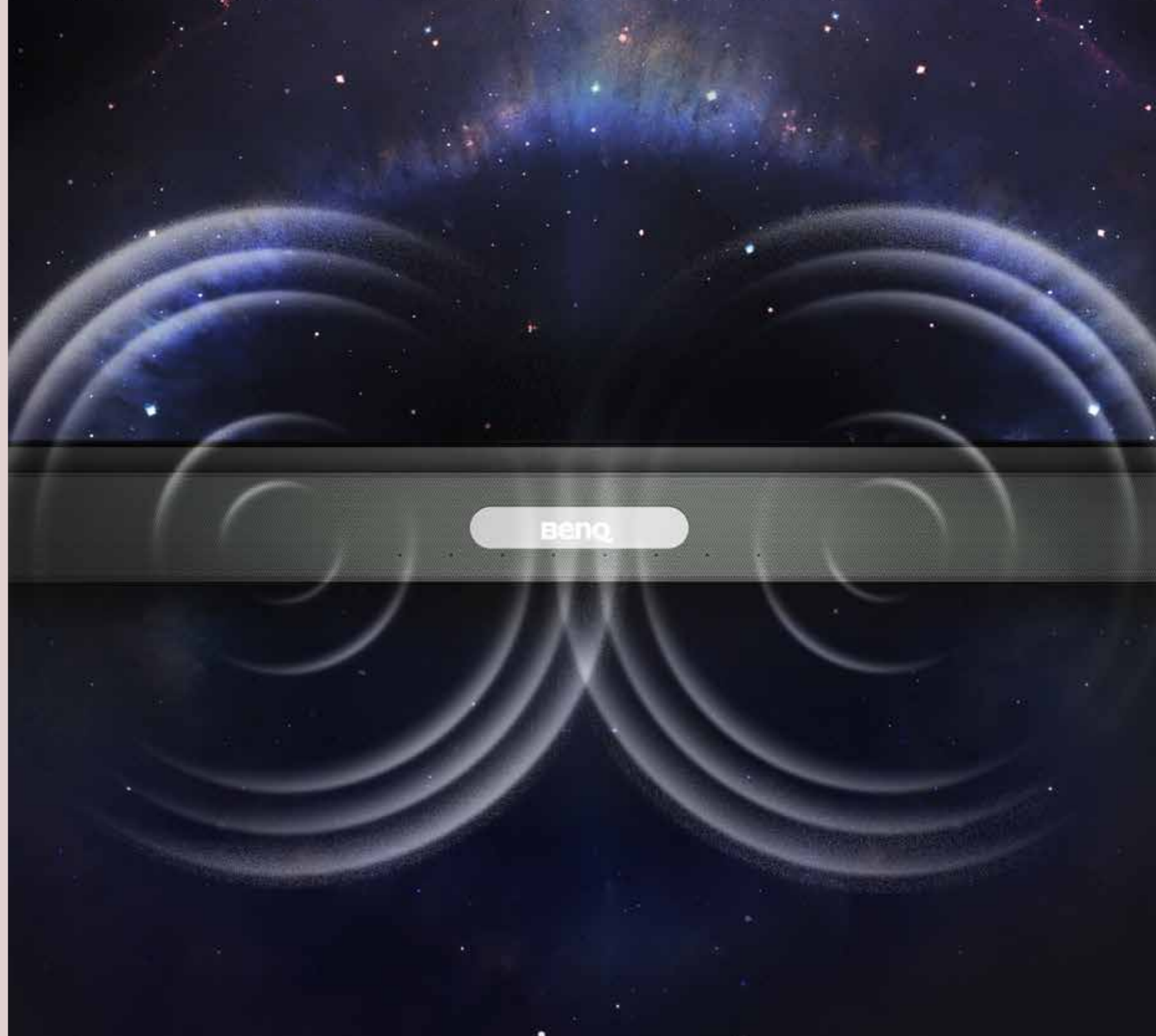
Dolby
AUDIO

Immersive audio and visuals

Experience unmatched audiovisuals on the first and only interactive display with rich Dolby Digital Plus* sound, utilising the built-in 2 x 16 speakers with subwoofer and crystal-clear 4K UHD images.
*Available 2H 2022

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.
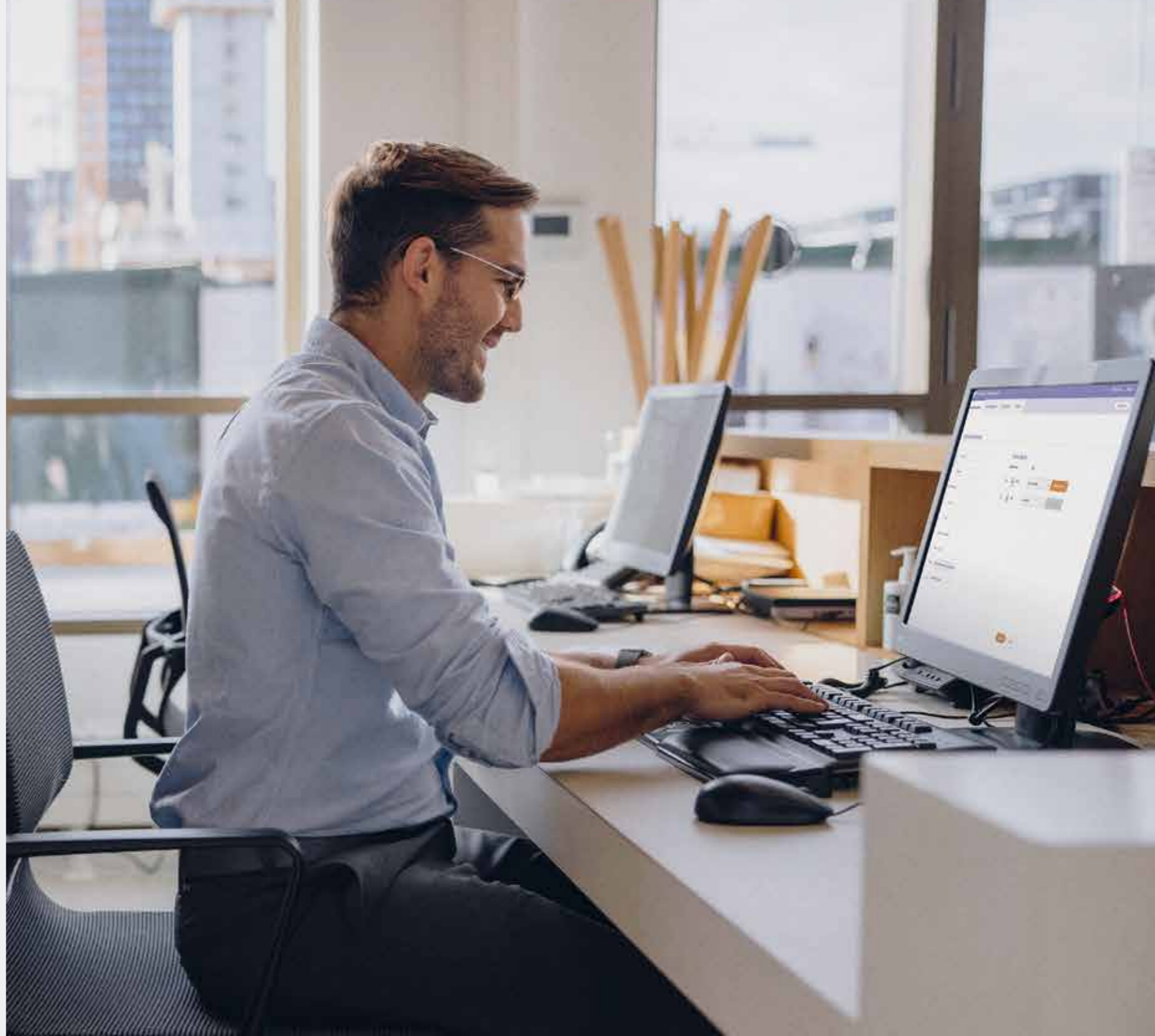

Plug and teach

Teach students joining from home or participate in remote events as a class on the RP03 with a dedicated port for conference cameras.
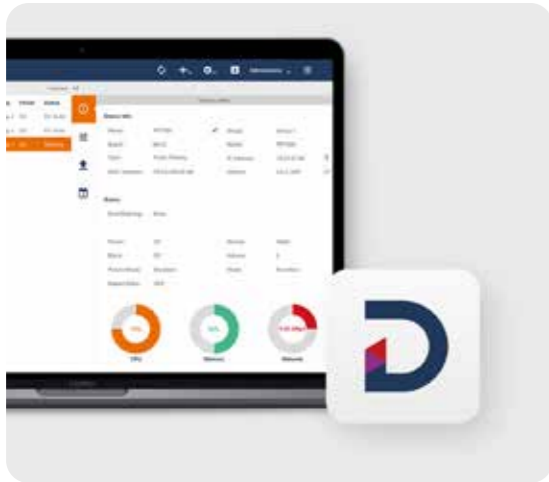
Tools for IT and admin staff

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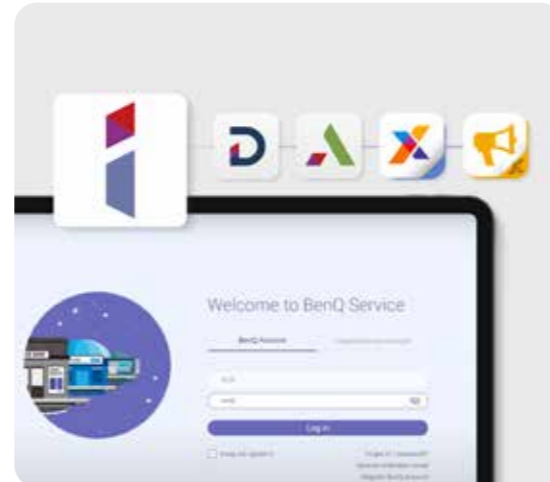
Tools for IT and admin staff

Device analytics

Get detailed analytics of all your BenQ devices in one place, helping to increase operational efficiency. With customisable 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 your BenQ services. Streamline account management by connecting to Azure Active Directory and enabling account synchronisation.

Effective communication across you school

Keep everyone informed and up to date on events, safety protocols, and emergency announcements. Deliver clear and effective messages to multiple BenQ displays with X-Sign Broadcast.
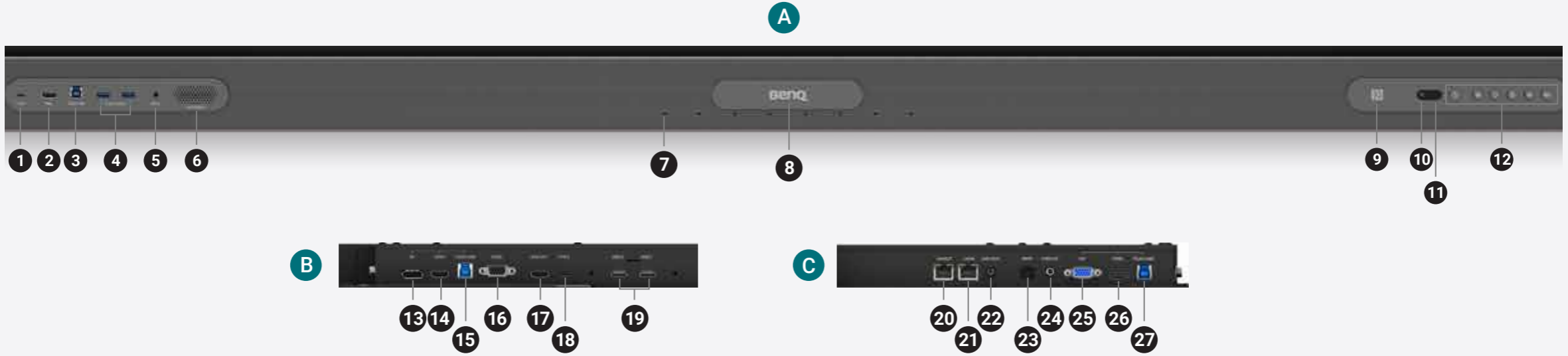
IP5X dust protection

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
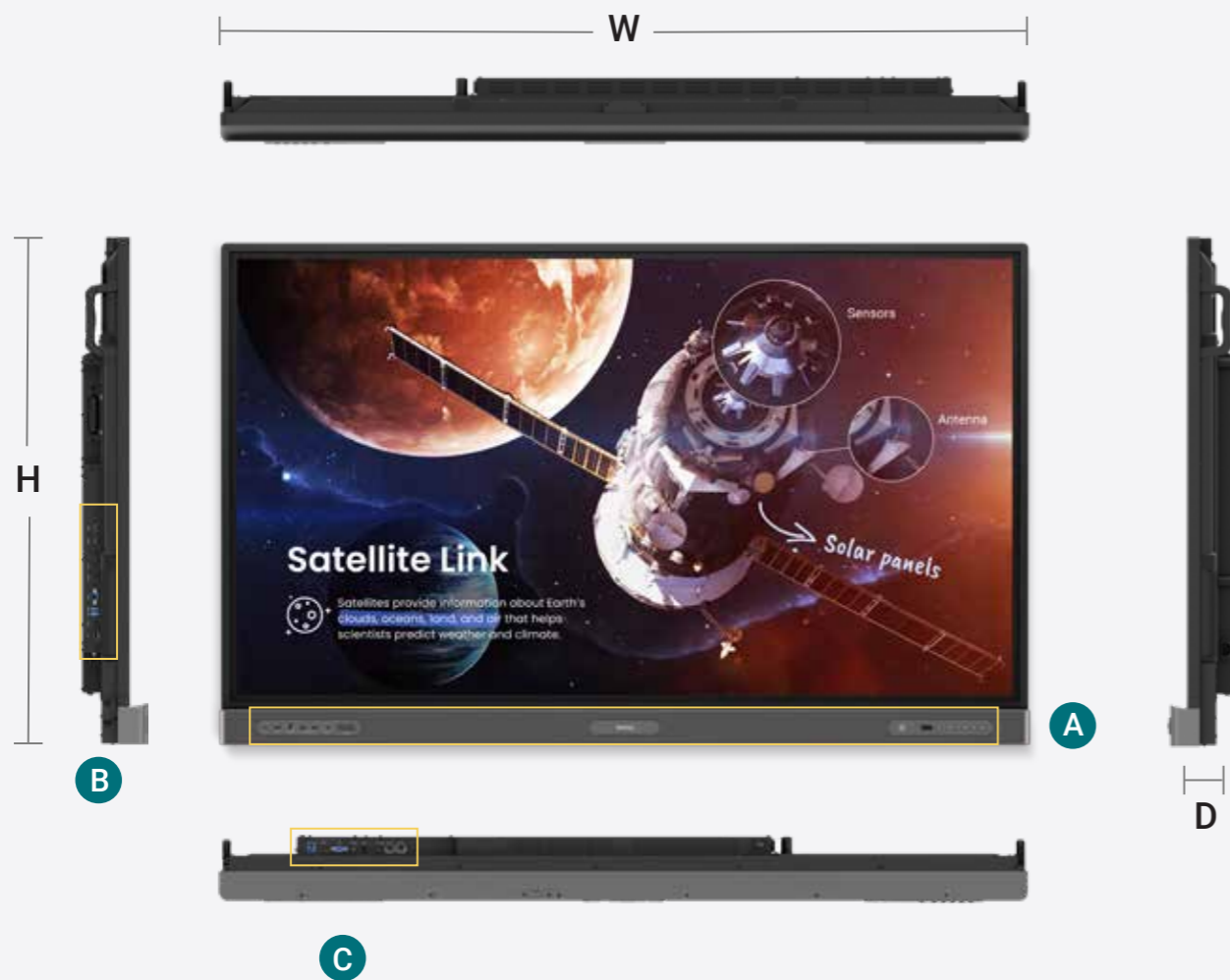
Dimensions (W×H×D)

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)

Satellite Link

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scientists predict weather and climate.

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 ioniser

7. 8-microphone array
8. LiDAR motion sensor
9. NFC sensor
10. Ambient light sensor
11. IR remote receiver
12. Front buttons
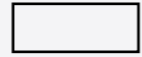
B : Side

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 : Back

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
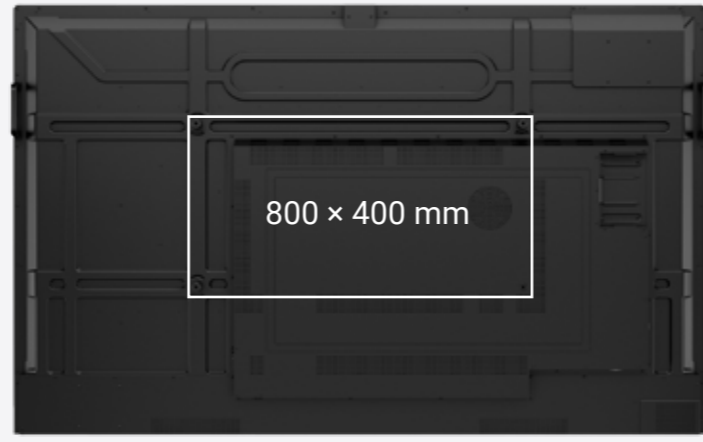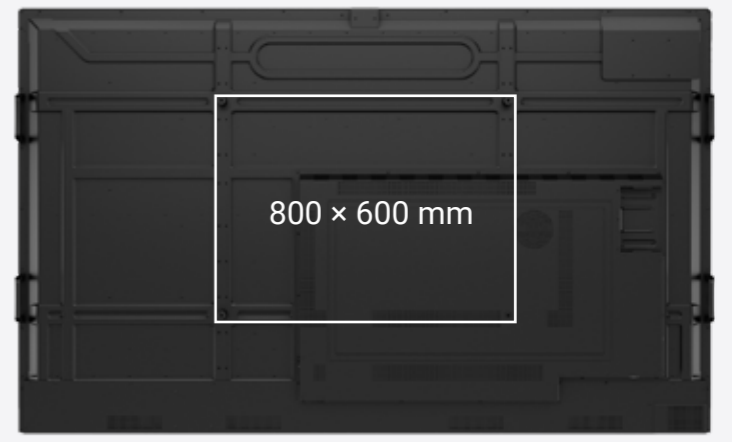
Models	RP6503	RP7503	RP8603
Panel			
Screen size	65"	75"	86"
Resolution	UHD 3840 × 2160 pixels	UHD 3840 × 2160 pixels	UHD 3840 × 2160 pixels
Aspect ratio	16:9	16:9	16:9
Brightness without glass (typical)	400 nits	450 nits	450 nits
Contrast ratio (typical)	1200:1	1200:1	1200:1
Dynamic contrast ratio	30,000:1	30,000:1	30,000:1
Colour depth	10-bit	10-bit	10-bit
Response time	8 ms	8 ms	8 ms
Colour 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 I 64GB	8GB I 64GB	8GB I 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 x 1, OPS x 1	10 / 100 / 1000 Mbps - Android x 1, OPS x 1	10 / 100 / 1000 Mbps - Android x 1, OPS x 1
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	USB wireless adapter	USB wireless adapter
Air Ioniser	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			
Dimensions (W × H × D)	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