BenQ Education

RP6503

Pro Series

ClassroomCare® - Unique health protection technology

BenQ displays feature the world's first **germ-resistant touchscreen** for large format displays, with official **TÜV and SIAA certification**. RP03 interactive displays employ Nano-ionic silver particles on the screen, front ports, pens, and remote control to protect students and teachers across all points of contact.

Air Quality Sensor to detect & monitor the level of carbon dioxide (CO_2), formaldehyde (CH_2O), volatile organic compounds (TVOCs) concentration and presence of $PM_{2.5}$ and PM_{10} (air pollution) in the classroom. Built-in **Air Ionizer** to reduce particle pollution in the classroom, the widget can actively release negative ions automatically or remotely via DMS.

For users' vision protection all BenQ displays are equipped with **anti-glare**, **flicker-free** and **low blue light** eye-care features. Embedded sensors activate the **Smart Eye-care solution** when anyone approaches the screen by turning on the low blue light mode automatically. RP03 is **the World's first Eyesafe® certified** interactive display.

Panel	Screen size		65"
	Resolution		4K UHD 3840 × 2160
	Brightness (typ.)		350 nits
	Contrast ratio (typ.)		1200 : 1
	Dynamic contrast ratio		30,000 : 1
	Viewing angle (H/V)		178°
	Response time (G-t-G)		8 ms
	Backlight life (hrs)		50,000
	Panel surface		AG, Haze 25%
	Operating hours		18 hours / 7 days
	Orientation		Landscape
Platform solution	System memory		8 GB
	Storage		64 GB
	OS		Android 11
Power	Power supply		100-240 V 50/60 Hz
	Power consumption	Maximum (W/h)	411
		Typical (W/h)	80
		Standby mode (W/h)	<0.5
	AC power switch		Yes
	Wake up		LAN / HDMI / VGA / DP
Touch	Technology		Fine IR Plus
	Number of touch points		40
	Interface		USB Type B x 3
Glass	Tempered glass		3.2 mm
	Hardness		9H
	AG coating		Yes
ClassroomCare® Technology	Eye-Care Solution (TÜV certified) Flicker-Free & Low Blue Light		Smart Eye-Care (Eyesafe® certified)
	Air-Quality Sensor		CO_2 - $PM_{2.5}$ - PM_{10}, Temperature & Humidity, Air Ionizer
	Germ-Resistant Screen (TÜV & SIAA certified)		Yes
Environment	Operation temperature		0°C ~ 40°C
	Operating humidity		20% ~ 80% RH non-condensing
	Energy efficiency		Energy Star 8.0 certified
Connectivity	Input		VGA x 1, HDMI 2.0 x 3, DP 1.2a x 1, Audio (3.5 mm) x 1
	Output		HDMI 2.0 x 1, Audio (3.5 mm) x 1
	USB		Type A x 7 (2.0 x 2 / 3.2 Gen 1 x 5), Type B x 3 (3.0), Type C x 2 (3.0)
	RS232		x 1
	RJ45 (LAN)		x 2 (Android / OPS) up to 1000Mbps
	Remote controller		x 1
Audio	Built-in speaker		2 x 16 W / 1 x Subwoofer 16 W
	Dolby Audio		Yes
	Array microphones		x 8
Mechanical	Dimension (mm)	Screen	1489.3 × 934.3 × 121.5
	Weight (kg)	Net weight	43
		Gross weight	56
	Bezel width (mm)		16.6 /16.6 / 16.6 / 16.6
	Wall mounting (VESA) (screw type / max. length)		600 × 400 (4 × M8 × 25L)
	Wall mount kit		Included
	OPS slot		Yes
	NFC sensor		Yes
	Pen tray		Yes
Warranty			3-year warranty on-site exchange

→ Specifications subject to change without notice

SOFTWARE

EZWrite 6
Save lessons in editable whiteboard files (IWB) with Cloud Whiteboarding. Google Classroom is integrated with EZWrite WEB.

InstaShare 2
Wireless screen sharing & casting from any device. Share several screens simultaneously, with different type of content.

X-Sign Broadcast
Announcement system with cross-campus communication. Send visual alerts, warnings, videos to all or one specific device.

AMS
Account Management System to conveniently load and access your account and cloud storage from any BenQ display.

DMS
Device Management Solution centrally oversees all displays to get real-time status information, deploy OTA updates & more.

INPUT AND OUTPUT TERMINALS

FRONT I/O

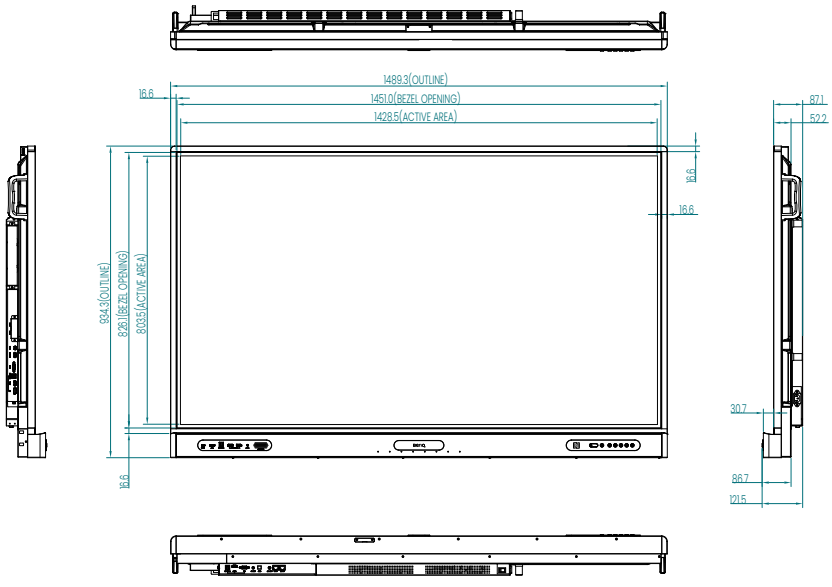
NFC SENSOR & KEYPAD BUTTONS

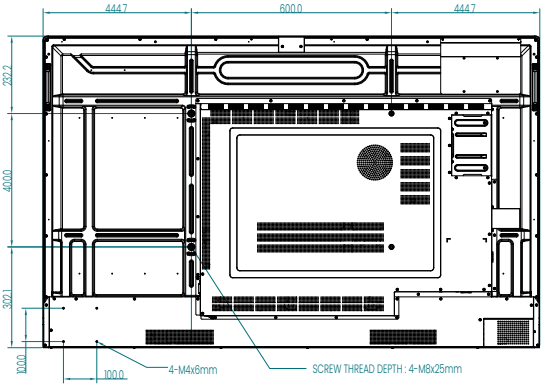
CAMERA USB PORT, WIFI DONGLE & REMOTE CONTROLLER USB PORT

DOWN I/O

SIDE I/O

DIMENSIONS (MM)





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