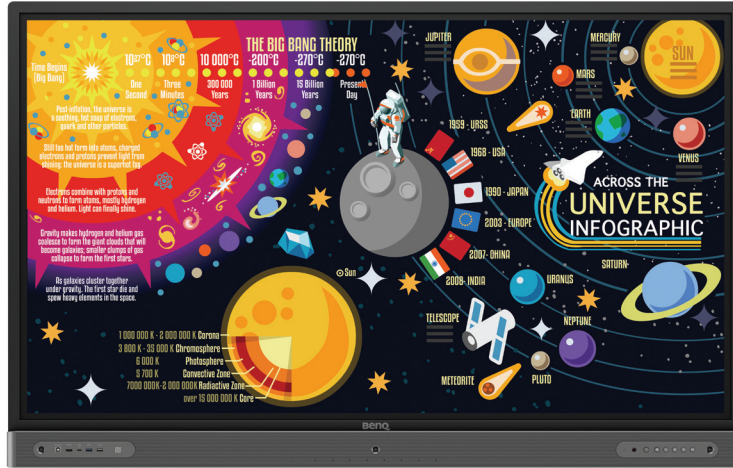


# RP8602 86" Interactive Flat Panel



## Features

### ClassroomCare™ Technology Puts Student Health First

BenQ IFPs come equipped with a variety of features that keep both students and educators healthy and focused. Embedded sensors activate the smart Eye-Care solution when the situation requires it, providing low blue light and a zero-flicker experience. Air-quality sensors continuously measure the CO2 level in the classroom, providing a handy warning when levels are too high so a window can be opened or a break started. The screen is layered with a non-toxic germ-resistant coating that kills most bacteria on contact to prevent cross-infection in classrooms.

### EZWrite Annotation Software with Cloud Whiteboard

BenQ's EZWrite is the leading annotation solution for interactive and collaborative classroom scenarios. EZWrite's cloud features make it easy for teachers to save files to their personal cloud storage and then access them in any classroom. It also streamlines classroom discussions by making it smoother than ever for teachers and students to share ideas, notes, and opinions as if they are annotating on the same whiteboard regardless of where they are. EZWrite is a cross platform solution that brings together different devices and Operating Systems so everyone can participate.

### Floating Tool

With EZWrite's Floating Tool, teachers can capture screenshots of anything on the screen, including content from apps, websites, and videos from any source. They can then import this content into EZWrite 5 for further discussion and annotation on a brand new page. The Floating Tool is designed to be intuitive and flexible, allowing even the newest user to get the hang of it in seconds, no matter which application or input source they are using.

### Hassle-free Management

An IT manager's dream, BenQ IFP features both DMS and AMS. BenQ Display Management System (DMS) combines Device Info and Management, Apps Management and OTA (Over-the-Air) Update to provide an ultimate device management solution for greater productivity. BenQ Account Management System (AMS) provides personalized workspace that can be accessed by a simple QR code login or NFC card. This creates convenience for the usage and management of various files. Furthermore, this system provides an efficient and convenient way of managing accounts on BenQ IFPs.

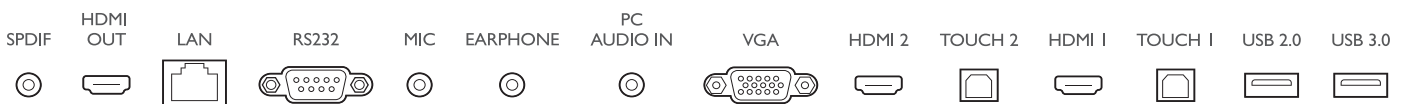
### Intuitive Reading and Writing Experience

Improved technology provides a better visual quality and a more precise touch experience leading to a natural handwriting feeling that correctly registers input even at high speed.

### X-Sign Broadcast

A reliable, integrated alternative to traditional classroom messaging systems, X-Sign Broadcast allows administrators to broadcast messages to all screens in the school, a selected group or even to a single classroom.

## Input and Output Terminals



## Specifications

Panel	Screen Size	86"	
	Resolution	3840 × 2160	
	Brightness (Typ.)	400 nits	
	Contrast Ratio (Typ.)	1200:1	
	Viewing Angle (H/V)	178 / 178	
	Response Time (G-t-G)	8 ms	
	Backlight Life (hrs)	30,000	
	Operating Hour	18 / 7	
Power	Orientation	Landscape	
	Type	Internal	
	Power Supply	100V~240V, 50 Hz / 60 Hz	
	Power Consumption	Maximum (W/h)	423.1W
		Typical (W/h)	296.2W
Touch		Standby Mode (W/h)	<0.5W
		Off Mode (W/h)	0W
	AC Power Switch	Yes	
Glass	Wake up	VGA / HDMI / LAN	
	Technology, Number of Touches	IR, 20 points	
Caring	Interface	USB × 3	
	Tempered Glass, Hardness	4mm, 7H	
Environment	AG coating	AG80	
	Eye-Care Solution	Smart Eye-Care	
	Germ-Resistant Screen	Yes	
Connectivity	Air-Quality sensor	CO <sub>2</sub> - PM <sub>2.5</sub> - PM <sub>10</sub>	
	Operation Temperature	0°C ~ 40°C	
	Operating Humidity	10% ~ 90% RH non-condensing	
Audio	Input	VGA	x1
		HDMI	HDMI 2.0 × 3
		Audio Input	x1 (3.5 mm)
	Output	HDMI	HDMI 2.0 × 1
		Audio Output	x1 (3.5 mm)
	USB	USB 3.0 × 2	
		USB 2.0 × 3	
		USB Type C × 1	
Mechanical	RS232	Yes	
	RJ45	Yes	
	Remote Controller	Yes	
	Internal Speaker	16W × 2	
	Dimension (mm)	Screen	1988.8 × 1229.8 × 138.4
Mechanical		Package	2140 × 1340 × 280
	Weight (kg)	Screen	79.0
		Package	97.5
	Bezel Width (mm)	23.4 (Top / Side), 70 (Bottom)	
	Wall Mounting (VESA)	700 × 400 mm	
	(Screw Type /Max. Length)	M8 × 20 mm	
	OPS	Yes	
	NFC sensor	Yes	
Pen Tray	Yes		

## Dimension (mm)

