BenQ
Because it matters

SAFE, HEALTHY LEARNING WITH BENQ INTERACTIVE FLAT PANELS

Designed with Germ-Resistant and
Eye-care Technologies

Germ-Resistant

SGS

Smart Eye-Care Solution

TÜVRheinland CERTIFIED | Flicker-free | Low Blue Light

4K UHD

4K

Applied to all models

BenQ Interactive Flat Panels Create a Healthy Environment

Germ-Resistant Screen and Smart Eye-care Solution completes a New Collaborative, Interactive Classroom

When it comes to effective learning, health matters. BenQ is committed to creating a healthy environment that is conducive to learning. BenQ's RP Series of interactive flat panels contain key features that can help reduce germs and prevent eyestrain and fatigue. Many diseases are transmitted by hands coming in contact with dirty surfaces and children do not have the cleanest hands. BenQ has determined that the surface of our products is the place to make a difference. Besides, the RP Series combines the friendliest interactive display design and classroom-ready solutions to support schools by bringing a truly interactive learning experience into their classrooms. Available in sizes from 55" to 86" the RP Series leads the way to a new generation of healthy learning!
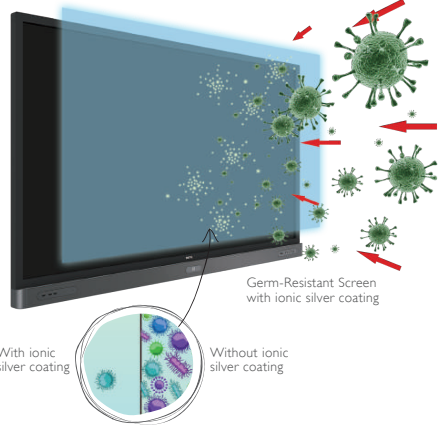
Smart Annotation Tools, Healthcare Solution & TCO Friendly The Best Interactive Display Device Choice for Schools

Top 10 Advantages of Interactive Flat Panels

1. EZWrite 4.0 Fun and Easy Whiteboard Solution
2. NFCPen with Tap-and-Write Simplicity
3. Germ-Resistant Screen
4. Smart Eye-care Solution
5. Multiple Display Administrator(MDA) Software Compatibility
6. Over-the-Air (OTA) Update and Easy Setting Keep All Displays in Prime Shape
7. Reliable Performance with No Hidden Costs
8. Save Time with Ultra-Simple Installation
9. Multiple Multimedia Device Connectivity
10. Configurable with Classroom AV Control Systems

Fostering a Healthy Learning Environment for Students

The surface of each new model in the RP Series is armed with a Germ-Resistant Screen and Smart Eye-care solution to curb bacteria build-up and safeguard eye health for teachers and students.

Germ-Resistant   Flicker-free   Low Blue Light   Anti-glare

Germ-Resistant Screen

Every time a touch screen is swiped or tapped, it accumulates germs. The RP Series is armed with a Germ-Resistant Screen that makes it ideal for risk free teaching environments. The Germ-Resistant Screen is SGS*-certified and is covered with a multilayer coating of a non-toxic, durable nano-ionic silver agent which can kill most bacteria and viruses on contact by disrupting their cell division mechanism. This non-toxic nano-ionic silver coating has passed strict food safety tests and mucous membrane irritation tests to prove that it is both a nonirritant and completely harmless to human bodies. Additionally, the nano-ionic silver's antimicrobial feature remains effective even after thorough cleaning or long periods of use.
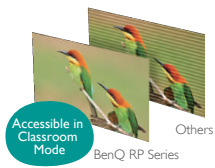
Germ-Resistant Screen with ionic silver coating

With ionic silver coating   Without ionic silver coating

*SGS Test Confirmed : SGS is the world's leading inspection and verification company, providing internationally approved testing services to verify product quality and performance. Placing our trust in SGS's best-in-class facilities and world-renowned integrity, we had their experts carefully evaluate the screen's antimicrobial efficacy. Proved by the JIS Z 2801:2010 testing methods, the result shows that BenQ's Germ-Resistant Screen can effectively restrain the growth of Escherichia coli and Staphylococcus aureus.

SGS

Germ-Resistant Datasheet

Smart!

Smart Eye-Care Solution

The RP Series is designed to prevent eyestrain and eye fatigue caused by spending too much time in front of a visual display. This total eye-care solution is comprised of BenQ's proprietary eye-care technologies, including anti-glare, reduced blue light, and flicker-free viewing as well as 4K UHD.

TÜVRheinland CERTIFIED

Accessible in Classroom Mode   Others

BenQ RP Series

BenQ TÜV-certified Flicker-free technology

Our Flicker-free technology enables an exclusive design that removes LED backlight flickering and brings forth a zero flickering viewing experience. This effectively reduces CVS-related eye problems and helps alleviates any discomfort caused by looking at the screen all day.

TÜVRheinland CERTIFIED

Accessible in Classroom Mode

BenQ TÜV-certified Low Blue Light technology

BenQ's TÜV-certified Low Blue Light technology deals with everyday problems of blue-light exposure and allows for healthier time spent in front of the display, effectively reducing any harm caused by blue spectrum light. The added PIR(Passive Infrared) Motion Sensor can detect people coming close to the screen and turn on the Low Blue Light function automatically.

BenQ RP Series   Others

BenQ Anti-glare Display

The anti-glare treatment applied to RP Series' glass surface reduces reflection, giving students the best viewing experience in the classroom. The result is more legible text and clearer images, avoiding eye strain and facilitating more effective instruction.

4K Ultra HD Resolution

In search of the best viewing experience for students in class, BenQ RP Series interactive flat panels are designed to support resolutions up to stunning 4K Ultra HD. By doubling the horizontal and vertical resolution, the RP Series is guaranteed to capture the finest details with 4 times higher pixel density. 4K Ultra HD make objects more defined and comfortable to focus on. This can help educators grab students' undivided attention throughout the class with the highest text readability and image clarity.

Fostering Active Learning & Collaborative Interaction with BenQ Classroom Software Solution

BenQ is aiming to build the ultimate learning platform for the classroom, one that is simple and easy to use. Vast resources have been devoted to researching, developing, incorporating and perfecting a wide array of innovative classroom software for the RP Series that supports every aspect of a 21st century education.

BenQ Integrated Software

BENQ SOLUTION \ OPERATING SYSTEM	ANDROID	WINDOWS	MAC/iOS
Whiteboard Solution	⭐ EZWrite	⭐ QTouch Oktopus	Oktopus
Annotation Solution	⭐ Floating Toolbar WPS Ink (Compatible with MS Office Ink)		
Collaboration Solution	⭐ InstaQShare		

⭐ BenQ Exclusive Software

Collaboration

InstaQShare

Developed by BenQ, InstaQShare is the software designed for seamless wireless presentation and collaboration during lectures. It allows the smooth streaming of visual and audio files, and Full HD quality videos. Users can also mirror content from mobile devices and invite up to 16 participants for seamless collaboration.

Whiteboard Solution :
Capture ideas on the fly. Activate interaction in no time.

Good!

EZWrite 4.0: Inspire Learning and Participation with Ease

EZWrite 4.0, pre-installed exclusively on BenQ's IFP, is the ultimate whiteboard app that is designed to facilitate interactive learning with a tap. EZWrite 4.0 instantly turns the interactive flat panel into a full-size whiteboard for illustrating ideas, recording notes, brainstorming, and more. More than just taking notes, EZWrite 4.0 also comes with all sorts of tools that can encourage cooperation and participation. It's accessible and easy to use for both teachers and students

1. Handwriting Recognition

Extending the signatory convenience from traditional whiteboards, the RP series' handwriting recognition feature allows teachers to continue enjoy the effectiveness and power of handwriting.

2. Video Recording

BenQ RP Series come with the video recording feature that allows teachers to record all on-screen steps during their lectures and use the recorded videos for class preparation or review purposes.

3. Cooperation tools

The exclusive Cooperation Tools, Team Post, Timer & Stopwatch, Buzzer, Draw Lots, and Score Board are specially designed to enhance the level of inter action and team building through a wide selection of interesting group activities.

4. Multi-touch interactivity

Multi-touch support makes BenQ RP Series perfect for group activities and classroom games that motivate collaboration and communication.

5. Data-to-Go

Save annotations as images and share them as review material through a variety of methods. Besides the display's internal memory, the creations can also be saved with USB flash drive as PNG image or converted into QR codes for instant sharing via mobile devices.

QTouch: Prepare Your Class with Great Efficiency

Enhance efficiency for class preparation with QTouch annotation software. With diverse Windows compatible teaching templates for various subjects, QTouch allows you to design teaching materials right on PC at anytime. By connecting your PC to the RP Series, you can soon engalge students with customized content. To further enhance on-screen collaboration, QTouch provides various annotation tools with multi-touch support to co-create various documents with students.
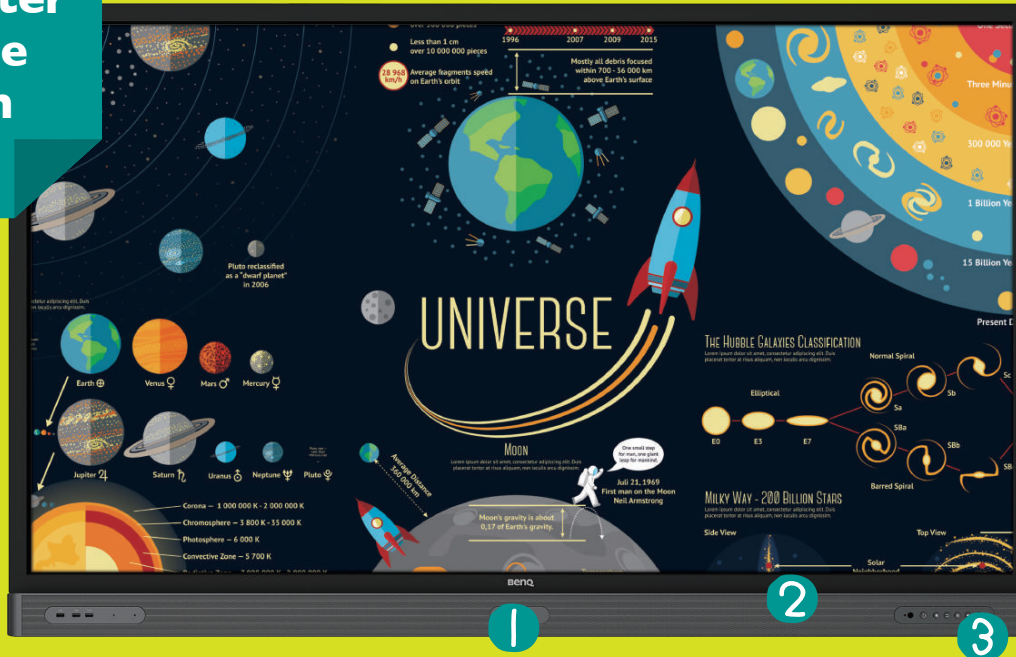
Annotation Solution

Smart!

Floating toolbar

The upgraded powerful Floating toolbar is compatible with any interface, no matter what OS you use. The floating on-screen menu lets you immediately access a range of functions, including recording, print screen, screen capture, eraser, pen and whiteboard. Users can change pen colors, take screenshots and accomplish so much more to enhance class interaction whenever you need it.

Thoughtful Design that Helps Foster Flow in the Classroom

Effective teaching and learning cannot take place in a poorly managed classroom where teachers have to struggle with classroom technology. This is why we have designed our interactive flat panels to better facilitate the teaching process, ensuring that teachers can teach smoothly throughout their class without interruption.

1 NFC Sensor

The NFC sensor is located at the lower bezel of the RP Series. With a simple tap of the NFCPen, you can instantly activate the EZWrite 4.0 whiteboard app.

2 Integrated Front-facing Speaker and Pen Tray

The RP series integrates the repositioned audio speakers with the screen-length pen tray. The two embedded 16W integrated front-facing speakers create better sound transmission and bring more audiovisual enjoyment to interactive learning. The pen tray offers a handy place to keep IFP stylus and other tools that help enrich and smoothen presentations, providing fast access and avoiding needless interruption.
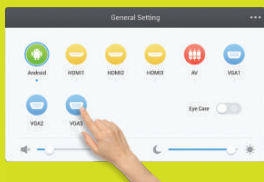
3 Front Buttons

The front buttons, including Power, Home, Back, Setting, and Volume, further enhance the convenience of using IFP and help teachers easily control the pace of lectures.

Switch Input Source by Touch

Instead of using a remote control, teachers can easily switch between different input sources by touch. It's time saving and hassle free.
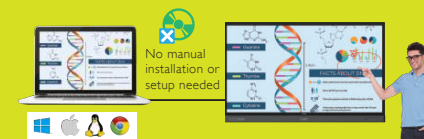
Multiple Multimedia Device Connectivity

The RP Series offers multiple ports, including 3 USB ports, slot-in-PC port, HDMI 2.0 and an HDMI out for enhanced performance and screen extension. Additionally, the repositioned side IO ports make plugging cords more convenient while avoiding any visual distraction.

Instant plug and play

BenQ RP Series can save you from the hassles of complicated setup. Simply connect to a PC via USB and you're all set to deliver compelling IFP touch-enhanced lessons.

Smart Account Management System (Smart AMS)

BenQ's IFPs support multi-account management through NFC technology that allows users to activate their customized account settings by simply scanning ID cards with the built-in sensor.

No manual installation or setup needed

USB playback
Display Port
VGA
Slot in PC

NFCPen

NFCPen is a lightweight, NFC-enabled stylus specially designed to make annotating with EZWrite 4.0 an ultra-simple experience. NFCPen offers the tactile feel of a real pen and spares your fingers the fatigue caused by long sessions of writing on the screen.
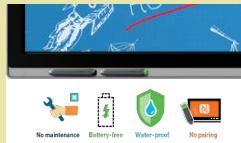

Annotating and color switching with tap-and-write simplicity

To create notes on the screen, just tap the NFCPen on the NFC sensor to activate EZWrite 4.0, and then start writing. NFCPen is designed with double color tips. Every BenQ RP Series purchase comes with two NFCPens. One NFCPen has green and red tips, while the other has blue and black.
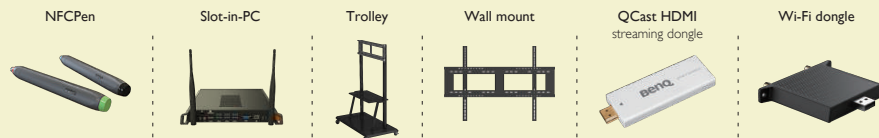Switching colors is simple:
1. Choose the color, and tap the NFCPen on the NFC sensor area.
2. Write on the screen with the selected color.

Thoughtful design and exceptional durability

NFCPen costs nearly nothing to maintain. Built with NFC technology, NFCPen is battery-free and doesn't require device pairing. Made of reliable materials, it is waterproof and designed to withstand long-term use. When you're done with NFCPen, you can prevent misplacement by placing it in the pen tray right above the audio speakers.

No maintenance   Battery-free   Water-proof   No pairing

Accessories

NFCPen   Slot-in-PC   Trolley   Wall mount   QCast HDMI streaming dongle   Wi-fi dongle

		RP654K	RP704K
Panel	LCD Size	65"	70"
	Light Source	LED	LED
	Resolution	3840 × 2160 (pixels)	3840 × 2160 (pixels)
	Brightness (typ)	350 cd/m²	330 cd/m²
	Contrast Ratio (typ.)	1200:1	4000:1
	Panel Response Time (ms)	8ms	8ms
	Viewing Angle	178 degree (H) / 178 degree (V)	178 degree (H) / 178 degree (V)
	Color gamut (x% NTSC)	72%	72%
	Panel Bit (8 or 10)	10 bit	10 bit
	Light Life	30,000 hours	30,000 hours
	Display Orientatio	Landscape	Landscape
Power	Voltage	100V~240V, 50-60Hz	100V~240V, 50-60Hz
	Maximun (Watt)	300W	350W
Touch	Technology	IR	IR
	Resolution (points area function)	32767 × 32767	32767 × 32767
	Numbers of Touch	20 points	20 points
	Touch Interface	USB (type B), x2	USB (type B), x2
	OS supported	Window 2000, Window XP, Window Vista, Win 7, Win 8/8.1, Win 10, Win CE 6.0 / Mac OS X 10.6~10.11 / Chrome OS 39 or above / Ubuntu 10.4 or above / Fedora 10 or above / RedFlag 6.2 or above * OpenSuse 11.4 or above (up to 10 points, varied by different apps)	Window XP, Window Vista, Win 7, Win 8, Win 10, Mac OS X 10.6~10.11, Linux, Chrome OS 34.0.1847.134 , Ubuntu 10.4~ 12.04 / Fedora 10 * OpenSuse 12.3 (up to 20 points, varied by different apps)"
Glass	Tempered glass	4mm, tempered glass (7H)	4mm, tempered glass (7H)
	Anti-Glare	Yes	Yes
	Germ-Resistant	Yes	Yes
Audio	Internal Speaker	16W × 2	16W × 2
	Line in (3.5mm)	× 1	× 1 same port as Audio input
	MIC (3.5mm)	No	No
	COAX output	× 1	× 1
AC Power	Power (AC) Input	×1	×1
	Power (AC) Output	No	No
	Power switch	×1	×1
Basic IO	VGA In	× 1	× 1
	VGA Output	No	No
	HDMI Input	x3 (1.3 × 2, 2.0 × 1)	x3 (1.3 × 2, 2.0 × 1)
	HDMI Output	×1	×1
	OPS Slot	No	No
Legacy IO	Composite video In	×1	×1
	Composite video Out	No	No
	Component In (YPbPr, RCA)	No	No
	S-Video In	No	No
	USB (Type A)	x6 (2.0 × 5; 3.0 × 1)	x6 (2.0 × 5; 3.0 × 1)
	USB (Type B)	x2	x2
Control	RS232 Input	×1	×1
	RS232 Output	No	No
	RJ45 Port	×1	×1
Mechanical	Dimension (WxHxD)(mm)	1521.0 × 967.0 × 128.0	1638.0 × 1034.0 × 128.0
	Weight (without packing / with packing)(kg)	49.0 / 61.0	58.0 / 71.0
	Wall Mounting(Screw type /Max. length)	"600 × 400 (4 holes)4 - M8 × 25L"	"600 × 400 (4 holes)4 - M8 × 25L"
	VESA Hole (for Media Player)	No	No
	Front I/O	Yes	Yes
	Handle	Yes (x2)	Yes (x2)
	Pen Tray	Yes	Yes
RF	NFC Reader/Writer	Yes	Yes
Language	OSD	EN/EF/SP/EP/CN/TC/GM/DT/PL/RS/CZ/DN/SW/ IT/RM/FN/NG/GK/TK/AB/JP (21 Languages)	EN/EF/SP/EP/CN/TC/GM/DT/PL/RS/CZ/DN/SW/ IT/RM/FN/NG/GK/TK/AB/JP (21 Languages)
Package/ Accessory	Remote Controller	Yes	Yes
	Power Cord (By Region)	× 4 (1.8m, EU, UK, US, AU)	× 4 (1.8m, EU, UK, US, AU)
	VGA Cable	×1 (5m)	×1 (5m)
	Quick start guide	×1	×1
	User's Manual Electronic File	×1	×1
	Touch USB Cable	×1 (10m)	×1 (10m)
	NFCPen (Stylus)	Yes × 2	Yes × 2
	Software License Card	Yes	Yes

		RP750K	**RP860K**
Panel	LCD Size	75"	86"
	Light Source	LED	LED
	Resolution	3840 x 2160 (pixels)	UHD 3840 x 2160 (pixels)
	Brightness (typ)	330 cd/m²	330 cd/m²
	Contrast Ratio (typ.)	1200:1	1200:1
	Panel Response Time (ms)	8ms	8ms
	Viewing Angle	178 degree (H) / 178 degree (V)	178degree (H) / 178 degree (V)
	Color gamut (x% NTSC)	72%	72%
	Panel Bit (8 or 10)	10 bit	10 bit
	Light Life	30,000 hours	30,000 hours
	Display Orientation	Landscape	Landscape
Power	Voltage	100V~240V, 50-60Hz	100 V ~ 240 V, 50 Hz / 60 Hz
	Maximun (Watt)	450W	530W
Touch	Technology	IR	IR
	Resolution (points area function)	32767 x 32767	32767 x 32767
	Numbers of Touch	20 points	20 points
	Touch Interface	USB (type B), x2	USB (type B), x2
	OS supported	Window XP, Window Vista, Win 7, Win 8, Win 10, Mac OS X 10.6~10.11, Linux, Chrome OS 34.0.1847.134 , Ubuntu 10.4~ 12.04 / Fedora 10 * OpenSuse 12.3 (up to 20 points, varied by different apps)	Window XP, Window Vista, Win 7, Win 8, Win 10, Mac OS X 10.6~10.10, Linux, Chrome OS 34.0.1847.134 , Ubuntu 10.4~ 12.04 / Fedora 10 * OpenSuse 12.3 (up to 10 points, varied by different apps)
Glass	Tempered glass	4mm, tempered glass (7H)	4mm, tempered glass (7H)
	Anti-Glare	Yes	Yes
	Germ-Resistant	Yes	Yes
Audio	Internal Speaker	16W x 2	16WX 2
	Line in (3.5mm)	x 1 same port as Audio input	x 1 same port as Audio input
	MIC (3.5mm)	No	No
	COAX output	x 1	x 1
AC Power	Power (AC) Input	x1	x1
	Power (AC) Output	No	No
	Power switch	x1	x1
Basic IO	VGA In	x 1	x 1
	VGA Output	No	No
	HDMI Input	x3 (1.3 x 2, 2.0 x 1)	x3 (1.3 x 2, 2.0 x 1)
	HDMI Output	x1	x1
	OPS Slot	No	No
Legacy IO	Composite video In	x1	x1
	Composite video Out	No	No
	Component In (YPbPr, RCA)	No	No
	S-Video In	No	No
	USB (Type A)	x6 (2.0 x 5; 3.0 x 1)	x6 (2.0 x 5; 3.0 x 1)
	USB (Type B)	x2	x2
Control	RS232 Input	x1	x1
	RS232 Output	No	No
	RJ45 Port	x1	x1
Mechanical	Dimension (WxHxD)(mm)	1762.6 x1086.4 x130.0	1988.0 x 1230.0 x 129.0
	Weight (without packing / with packing)(kg)	64.0 / 80.0	81.0 / 108.0
	Wall Mounting(Screw type /Max. length)	"800 x 400 (4 holes)4 - M8 x 25L"	"800 x 400 (4 holes)4 - M8 x 25L"
	VESA Hole (for Media Player)	No	No
	Front I/O	Yes	Yes
	Handle	Yes (x2)	Yes (x2)
	Pen Tray	No	No
RF	NFC Reader/Writer	Yes	No
Language	OSD	EN/EF/SP/EP/CN/TC/GM/DT/PL/RS/CZ/DN/SW/ IT/RM/FN/NG/GK/TK/AB/JP (21 Languages)	EN/EF/SP/EP/CN/TC/GM/DT/PL/RS/CZ/DN/SW/ IT/RM/FN/NG/GK/TK/AB/JP (21 Languages)
Package/ Accessory	Remote Controller	Yes	Yes
	Power Cord (By Region)	x 4 (1.8m, EU, UK, US, AU)	x 4 (1.8m, EU, UK, US, AU)
	VGA Cable	x1 (5m)	x1 (5m)
	Quick start guide	x1	x1
	User's Manual Electronic File	x1	x1
	Touch USB Cable	x1 (10m)	x1 (10m)
	NFCPen (Stylus)	Yes x 2	Yes x 2
	Software License Card	Yes	Yes

Dealer's Stamp

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