Designed to Protect Your Eyes

Because Vision Matters for Better Learning

Inspiring Learning at Your Fingertips

BenQ Interactive Flat Panels for Today's Interactive Classrooms

Product Catalogue 2015

BenQ

Because it matters

Inspiring Learning Is at the Heart of Everything We Do

"In everything we do, we uphold our dedication to constantly perfect the design of our RP Series, providing the best interactive touch experience for the classroom and inspiring learning at your fingertips."

— Peter Huang
General Manager of BenQ's Technology Center

Here at BenQ, we are committed to empowering educators around the world with the best interactive classroom display technology

Today's classrooms are active learning centers that encourage lively discussion and engage teamwork. Students don't just sit and take notes from the teacher any more. Rather, they collaborate with one another using a variety of gadgets, from smartphones to tablets and laptops, with an interactive display as the central platform for learning.

BenQ is poised to optimize this platform with the friendliest interactive display design and classroom-ready solutions to support schools by bringing a truly interactive learning experience into their classrooms. We believe that hardware and software play equally important roles in an interactive classroom environment, and it is this belief that has driven the development of our RP Series interactive flat panels, which are designed to simplify and enrich every aspect of interactive learning. We aim to build the ultimate learning platform for the classroom, one that is not only simple and easy to use, but one that also makes room for the incorporation and integration of even more valuable educational resources.
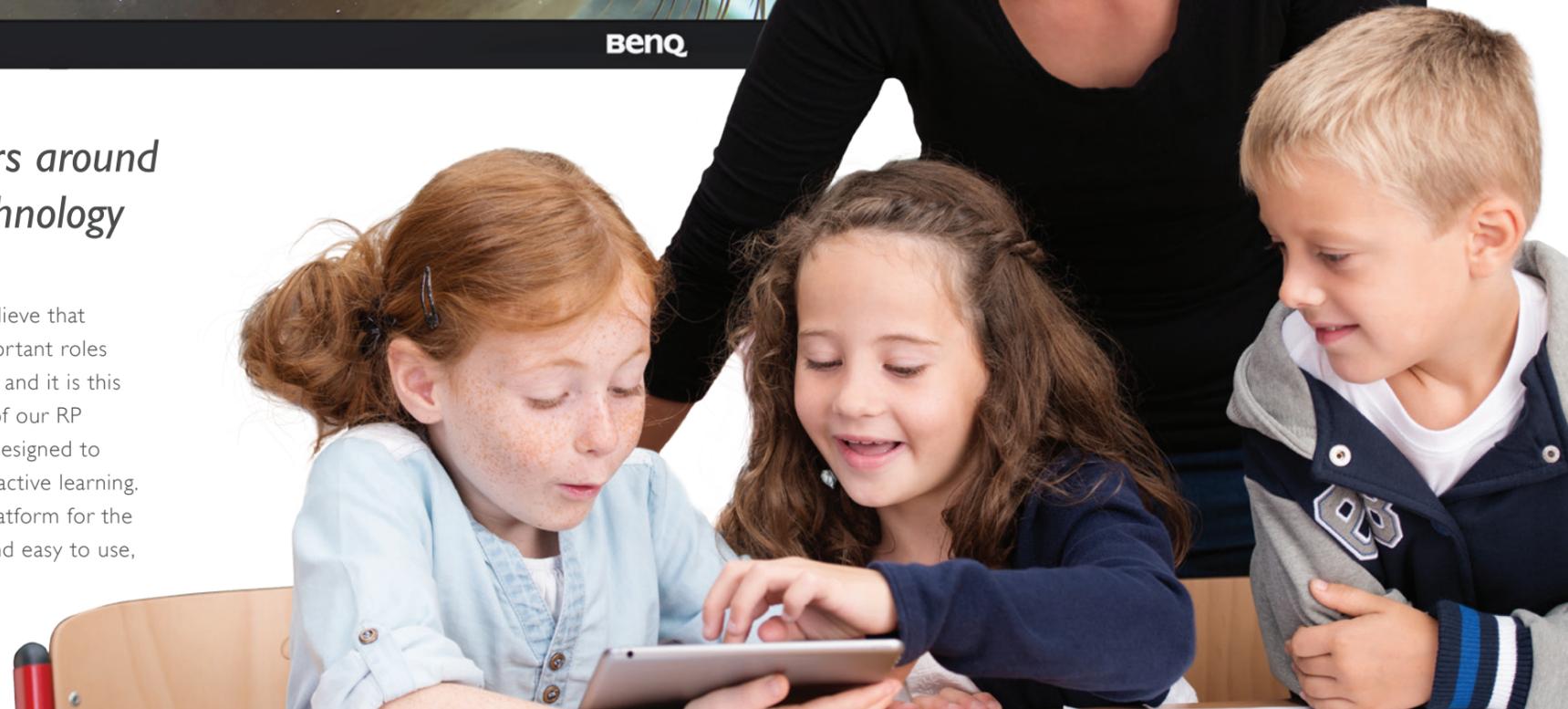
We Care About Eye Care

When students can't see, they can't learn. Nearly 80 percent of learning comes through the eyes, making vison problems a critical issue that cannot be ignored. They can impact a student's ability to learn in a big way, distracting him or her from focusing in class. Younger learners lack the ability to even recognize that they have a vision problem, so it's even more of a concern for students in the primary grades.

Here at BenQ, we believe prevention is always better than cure. Our RP Series is designed to safeguard the eye health of teachers and students so that they have an easy time reading and interacting in the classroom. As more displays are integrated into today's modern classroom, it's imperative that these devices are vision-friendly in every way.

EYE PROBLEM CHECKLIST:

- ✓ Excessive blinking and/or squinting
- ✓ Frequent eye rubbing
- ✓ Sensitivity to light and/or excessive tearing
- ✓ Holding reading materials close or far away
- ✓ Losing place while reading
- ✓ Complaining about headaches
- ✓ Unusual head posturing or tilting

25%

"25% of students in grades K-6 have visual problems that are serious enough to impede learning."

— *American Public Health Association*

80%

"It is estimated that 80% of children with a learning disability have an undiagnosed vision problem."

— *Vision Council of America*

RISK

"Vision occurs in partnership with the brain and the eyes. Children who struggle to read or remain on task may have an undiagnosed vision problem."

— *Doctors of Optometry Canada*

Eye Care 1, 2, 3

New display design essentials to safeguard your eyes all day long

The RP Series is designed to prevent eyestrain, eye fatigue and macular degeneration caused by spending too much time in front of a visual display – otherwise known as Computer Vision Syndrome (CVS). This total eye-care solution is comprised of BenQ's proprietary eye-care technologies and anti-glare display.

What's Computer Vision Syndrome?

When light enters your eye, the ciliary and iris muscles work to make you see. After a long period of viewing, frequent micro-movements tire out the iris muscles while the ciliary muscle becomes inflexible and contractive. This situation is exacerbated by frequent dimming and brightening of an image – and that's when CVS happens.

1

Eliminate acceptability of glare

Screen glare shines into a viewer's eyes, leading to difficulty in reading content as well as excessive squinting by the user. This can become very uncomfortable and distracting for teachers and students alike.

Reflected images on the screen make it challenging for students to see, to take notes and most importantly to remain focused. This directly impacts the quality of teaching and learning.

BenQ Anti-glare Display

The anti-glare treatment applied to the 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.

BenQ RP Series   *Others*

Block out harmful blue light

Studies show that blue light originating from the sun, from displays and from fluorescent lamps may have adverse health effects on the human body. This is alarming for teachers and students who are under constant exposure of such light sources.

Harmful blue light emissions not only lead to the early onset of macular degeneration but may also disrupt the secretion of melatonin. This in turn causes much more extensive problems ranging from insomnia and migraines to lupus, diabetes, and even certain types of cancer.

TÜV Rheinland certified product testing

Both Flicker-free technology and Low Blue Light technology have been rigorously tested by world-renowned TÜV Rheinland experts for true effectiveness on eliminating flickering and effectively reducing low blue light emission by our displays.

2

BenQ TÜV-certified Low Blue Light technology

Low Blue Light technology deals with everyday problems of blue-light exposure and allows for healthier time spent in front of the display, effectively lowering any harm caused by blue spectrum light. Teachers make good use of this function to create the best and most comfortable viewing experience for themselves and their students.

*Accessible in Classroom Mode*

3

Free your eyes from flickers

What you see is not all that you get. Though LCD displays provide a constant image compared to CRT displays, this image is delivered by rapid pixel color changes from one to another through the backlight. The more constant the image looks, the faster the backlight flickers. A conventional display may flicker around 200 times per second yet remain invisible to the human eye!

Now, your eyes may not see flickers, but they can feel them when there's a significant change in the brightness of light. These flickers make you over work your eyes, unknowingly straining them every second, causing CVS-related symptoms and even back pains!

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.
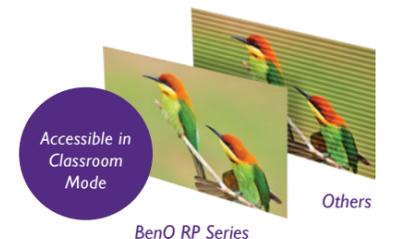
Accessible in Classroom Mode

BenQ RP Series   *Others*

Conventional displays flicker 200 times per second. That's 5,760,000 flickers received by the human eye after 8 hours of display use!

Readability Matters

Get the best viewing quality with 79" display size & 4K Ultra HD resolution

Each of our RP Series interactive flat panels are built to help educators make the most natural transition from traditional lecture style teaching to truly collaborative learning. In particular, our latest creation, the 79'' RP790, features a classroom-ready display area of 98cm in height and 174cm in length, which easily replaces existing blackboards, whiteboards and interactive whiteboards while ensuring a natural teaching flow. The RP790 also comes with a stunning 4K ultra HD resolution, which boasts a pixel density of 55 PPI (Pixels Per Inch): marking the highest image clarity and readability ever achieved!

Best readability with a high pixel density of 55 PPI

Best replacement size for existing displays

4K UHD

Best image quality with 4K ultra HD resolution

Female upperside

Chrysalis

Male upperside

Caterpillar

Close up of female

Female underside

BenQ

Butterfly story - Li

Butterflies in their adult stag
year depending on the spec
life stages while others can
egg stages and thereby surv
Butterflies may have one or
of generations per year vari
regions with tropical regions
towards multivoltinism.

# Display readability rule of thumb for PPI vs. display size

Pixel density has a big impact on readability. After brightness and contrast, pixel density impacts readability more than any other attribute of a flat-screen electronic display. Pixel density is measured in pixels per inch, or PPI. According to research done by Delft University of Technology in the Netherlands, the best viewing quality is obtained at 30 PPI or better.

Image Quality (PPI)

SIZE (inch)	W (cm)	H (cm)	Resoulution	PPI
65	143	80	FHD	33
70	155	87	FHD	31
75	165	93	FHD	29
79	174	98	4K	55
84	186	105	4K	52
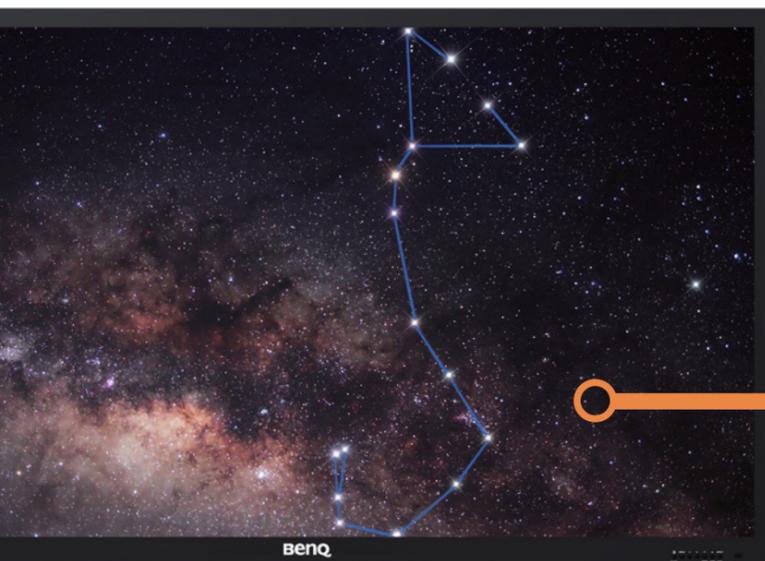
3× PPI vs. the others

A 79'' display with 4K ultra HD resolution such as the RP790 has a pixel density of over 55 PPI, which is three times the PPI of today's mainstream interactive whiteboards in the 77'' to 79'' size range.

A classroom-ready size for natural teaching flow

The RP790 is built with a classroom-ready size closest to standard blackboards and mainstream interactive whiteboards so teachers can teach naturally with their new display device. This familiar size and shape ensures a smooth transition to teaching with an interactive flat panel, minimizing any impact on teachers' current classroom practices.

79'' *(174cm x 98cm)*

Distance to the floor 100~120cm

Frog / From Wikipedia

Frogs are a diverse and largely carnivorous group of short-bodied, tailless amphibians composing the order Anura (Ancient Greek an-, without + oura, tail)

4K ultra HD resolution for stunning image clarity

A visually compelling 4K ultra HD image performance does more than capture students' attention. It also ensures the highest viewing clarity for subjects that require visual demonstration of detail-oriented images, such as Biology, Chemistry and Fine Arts.

Adaptable, Effective, Easy

Great educational technology should be versatile, accessible, simple and safe to use in any classroom environment, making classroom instruction easier and learning more effective. To accomplish this, it must be designed to help teachers take full advantage of what they have to offer.

Here at BenQ, we have made our interactive flat panels a user friendly canvas for interactive teaching and learning with our exclusive dual interactive flat panel expandability, thoughtful hardware design and accessory collection.

## *What we believe classroom technology should do*

Improve access

Teaching with an interactive platform means teachers are no longer limited to the resources sitting in the library. With improved access to interactive resources, teachers can use anything they can find online to improve the classroom experience.

Improve retention

Interactive capability means teachers can interact with classroom materials to help students remember key points. For instance, our QWrite Duo software allows teachers to annotate lesson plans in real time to help students learn and retain key points.
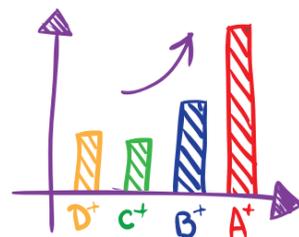
Share ideas

Interactive technology not only makes teaching more exciting and interactive, it makes learning more collaborative. With this new way of teaching and learning, tools like apps that foster collaboration, idea sharing and classroom presentation can be utilized to help teachers inspire the next generation.
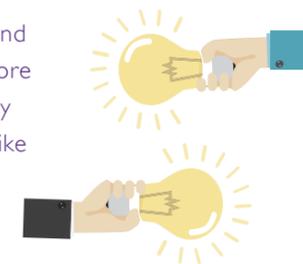
Support different learning styles

Technology can and should be leveraged to help all kinds of students join in the conversation in the classroom. This includes all different multimedia devices that can aid more students in learning and growing, from tablets and smartphones to interactive flat panels and computers.
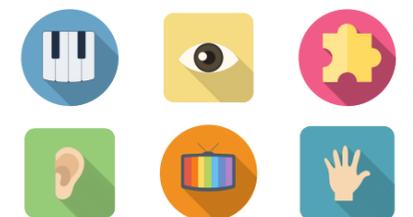
Dual Interactive Flat Panel Versatility

*One plus one equals unlimited possibilities:
BenQ QWrite Duo software for interactive learning*

Put together two BenQ interactive flat panels for maximum classroom instruction versatility. Integrated with our proprietary QWrite Duo software, two connected BenQ interactive flat panels through a single PC can be used simultaneously to facilitate learning in all kinds of ways.

Teacher mode for dual-screen flexibility

This mode allows use of one interactive flat panel for displaying contents and making annotations and the other for putting on any additional notes or discussion questions. It supports multi-tasking with two separate screens at the same time. Think of it as having a giant sticky note next to your teaching materials that the whole class can see.

Expand mode for full-screen expandability

Imagine turning two interactive flat panels into one big canvas! This mode gives educators double the room for teaching and making annotations, creating a super-sized display that is sure to get every student's attention.
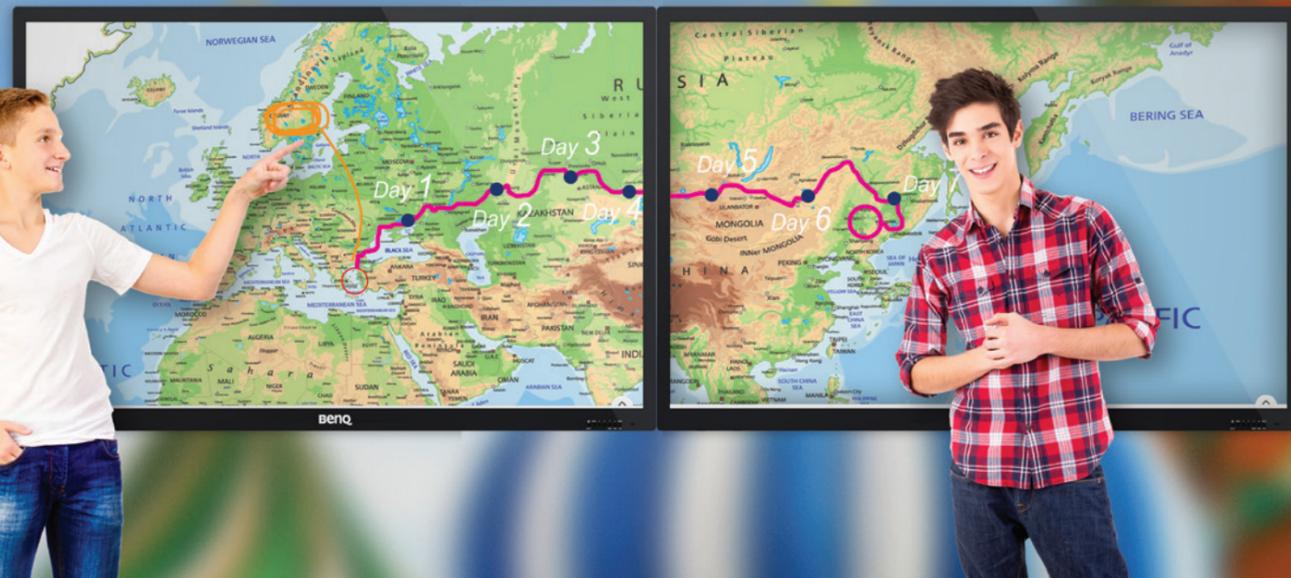
Student mode for dual-screen collaboration

For class collaboration or team competition, teachers can use this mode to turn the interactive flat panels into two separate screens with separate annotation functions. This allows students to interact with class materials, each other, or the entire class.

Only at BenQ
Two Sets of Panel, Tool and Brain.

14
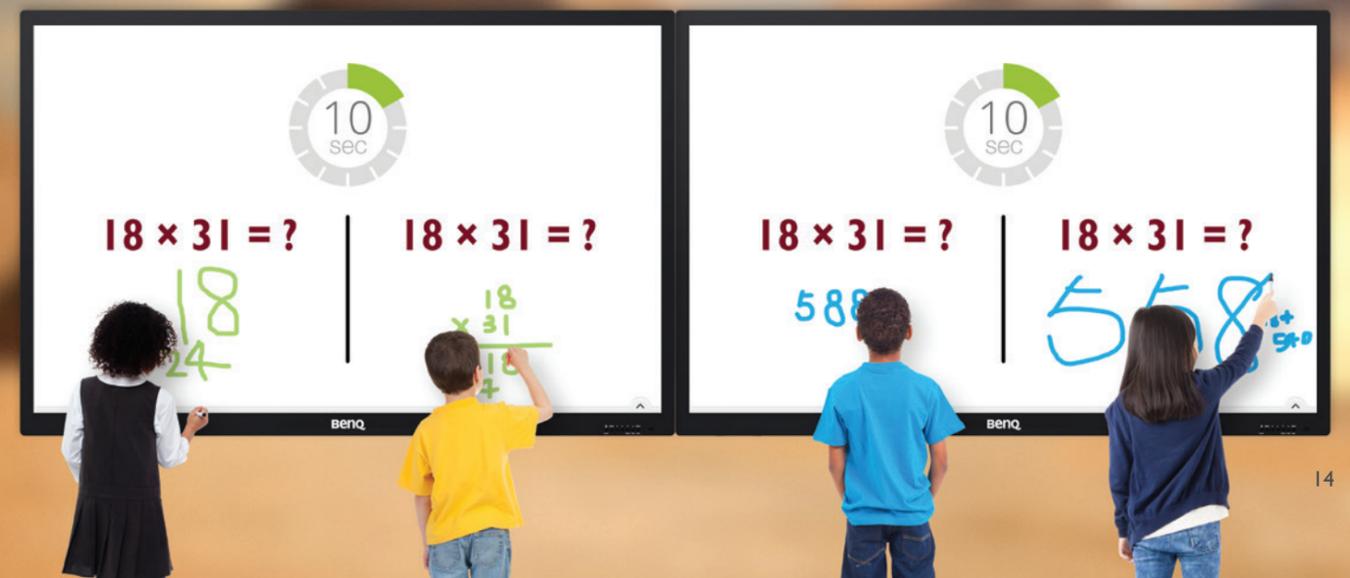
Little Things that Make a Big Difference

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.
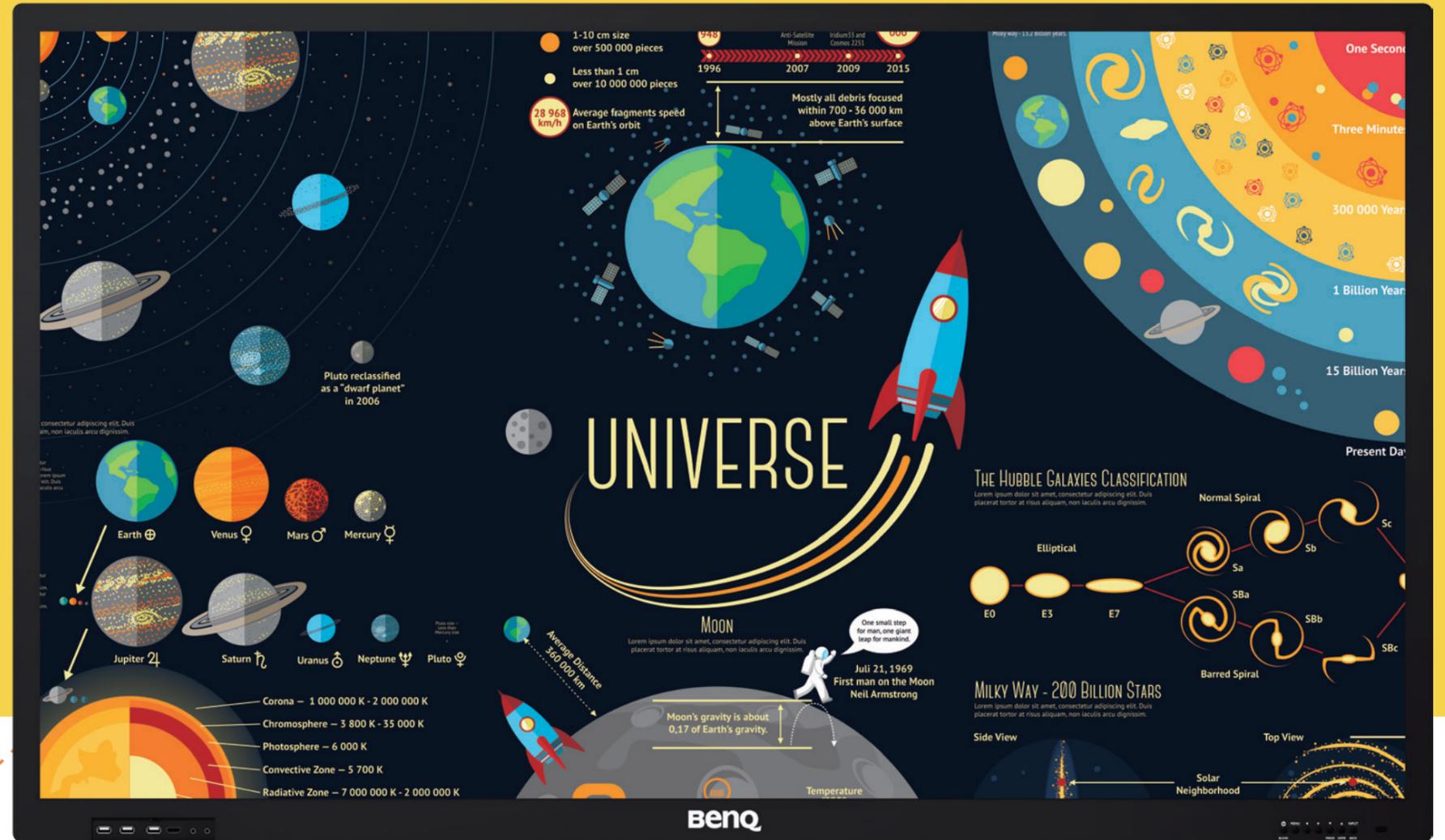
Teacher friendly front bezel design

For uninterrupted teaching, BenQ has built several features into the front bezel for quick and easy access.
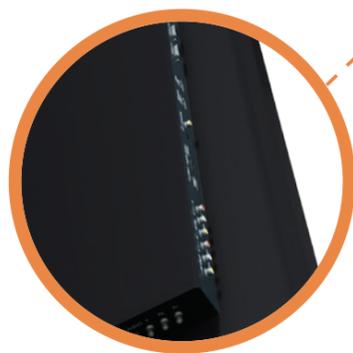
Multi-touch port A
for easy classroom PC set-up

Multi-touch port B
for easy notebook connection via USB cable

Protective cover
to keep away curious hands and give the interactive flat panel a stylish look
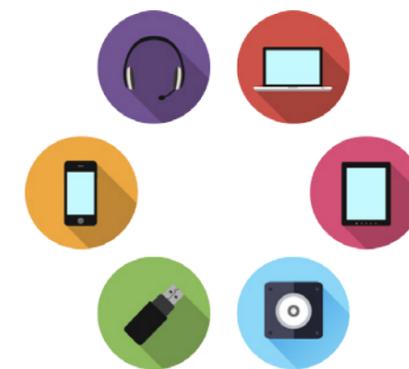
Multimedia I/O interface
offering every port needed for teaching, from HDMI to touch USB, media USB, OPS USB and MHL ports, plus an earphone and microphone jack

Hotkeys
for volume and input source control, as well as functions that help direct students' attention back to their teacher:

Blank to darken the screen
Freeze to pause the screen

Instant plug and play

Plug-and-play capability does away with the hassles of complex setup tasks such as downloading and installing touch drivers. Simply connect to a PC via USB and you're all set for a compelling IFP touch-enhanced lesson.

Touch driver-free!
No additional installation or setup needed
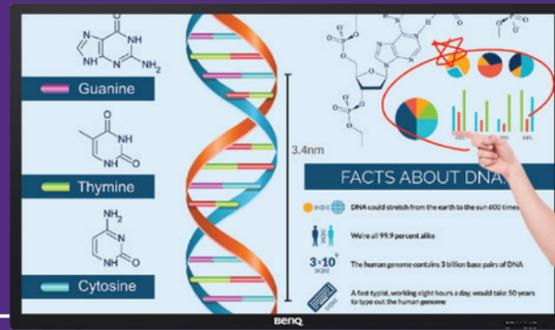
Supported Mac OS:
10.6 to 10.9. It is recommended that you perform screen calibration before using the interactive flat panel to make sure that the touch function works properly on OS X 10.10. Please contact BenQ for the required calibration utility.

OPS slot support

The RP Series not only supports an OPS slot but also provides more flexibility for media player installation with the customized bracket design.
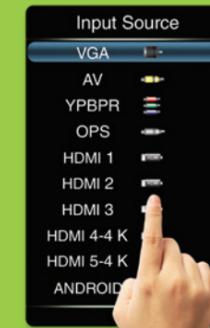
Switch input source by touch

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

Pen tray

A pen tray provides a handy place to keep a touch pen and other tools that enhance a presentation, providing fast access and avoiding needless interruption.

Wireless content streaming from any smart device

Plug in BenQ's QCast HDMI streaming dongle to enhance multimedia sharing! With the accompanying QCast software, teachers can stream digital contents stored in an iOS or Android smart device onto the big screen. They can even use the remote control installed on their smart device to control the playback of a video, movie, document, website or live video. Other ways of connection include Miracast mirror display, cloud streaming via DLNA or local file display with Wi-Fi connection.

1080p image quality at 30fps transmission speed

10-point multi-touch interactivity

An advanced touch screen not only provides a responsive, high-precision interface for writing, but enables multiple people to collaborate simultaneously. The 10-point multi-touch support means more individuals can interact together through a wide array of interactive apps, from creating artwork to playing the piano together.

Accessories

| Trolley (RP840G) | Trolley (RP790) | Trolley (RP552/RP652/RP702) | Wall mount (RP840G) | Wall mount (RP790) | Wall mount (RP552/RP652/RP702) | Touch pen | QCast HDMI streaming dongle | Wi-Fi dongle |

The Gate
to Open Sharing:
It's Ultimately about
Enriching Learning

The ultimate reason for creating an interactive flat panel that is versatile, easy to use and compatible with a multitude of devices and software is so that teachers can enrich their lesson plans and improve the quality of learning. We believe the RP Series should be an open platform that allows teachers to utilize the devices, software solutions and resources of their choice to enrich every lesson they have prepared for their students. Ultimately, the implementation of interactive educational technology is to empower teachers and motivate learning through creation of a learning environment that fosters interaction, collaboration and cooperation.

Multi-platform compatibility

Compatible with major operating systems from Windows to Mac, Linux and Chrome, the RP Series is built to work seamlessly with a wide range of computing devices. Just plug and play. It's touch driver-free so there's no need to install additional touch drivers to enable the touch function of the operating system supported by the RP Series.

Multiple multimedia device connectivity

The RP Series comes with every port needed for teaching, from HDMI to Touch USB, media USB and OPS USB ports, and an earphone and microphone jack. These interactive flat panels are also connectible to computing and smart devices via Mobile High-Definition Link (MHL) and BenQ's QCast HDMI streaming dongle, enabling seamless wireless streaming and mirroring of a variety of multimedia resources and digital contents.

Mainstream interactive educational software solution compatibility

The RP Series is highly compatible with mainstream interactive educational software, so teachers can work with the software tools of their choice while getting the best hardware experience from BenQ.

Custom Android™ OS for the classroom

To provide teachers with access to more online resources, the RP Series is built with a custom Android OS that comes with useful apps for classroom instruction, from EZWrite to WPS Office, Web Browser, and Media Player. Simply connect the interactive flat panel to a LAN cable or Wi-Fi dongle to access the Internet. This custom platform puts schools in full control over the RP Series, ensuring the proper use of the IFP by preventing downloads and use of unauthorized apps. This in turn minimizes unanticipated damage or breakdowns.

WPS Office
to display Microsoft Office documents and PDF files

EZWrite
for easy annotation with these apps

Web Browser
to utilize more online resources

Media Player
to display images and play videos

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Fostering Active Learning & Collaborative Interaction with BenQ Classroom Software Solution

Interactive technology has become an integral part of today's classroom and the key to create a dynamic, interactive learning experience for today's tech-savvy learners. To play an active part in transforming the way teachers and students communicate, interact and collaborate, we have devoted vast resources to research, develop, incorporate and perfect a wide array of innovative classroom software that supports every aspect of a 21st century education and the changing roles of teachers and learners.

We aim to bring a new level of simplicity, ease and control, supporting flipped learning and engaging students like never before! Teachers can freely incorporate dynamic resources from computational and mobile devices into their lesson plans, as well as inviting their students to come up to the front to interact and collaborate together using teaching templates and annotation tools, sparking creativity, imagination and lots of fun. When learning is more rewarding, students gain better critical-thinking and problem-solving skills, as well as the positive attitude, teamwork spirit and confidence that get them ready for the real world!

BenQ classroom software solution: the best practice formula for boosted motivation and engagement

Available with the purchase of the RP Series interactive flat panels, our classroom software solution is designed to support all-aspect instruction, interaction and collaboration. These useful tools offer various ways to enrich every lesson, turning them into fun learning experiences that captivate every student.

EZWrite
Easy and clever annotation tool that inspires learning and participation with a tap

EZWrite is an interactive flat-panel annotation app that comes with our custom Android OS platform. Free of extra installation or PC connection, it's easy and fun to use for both teachers and students.

Tap and create
Simply tap the app to begin creating colorful notes in class with various color pencils, highlighters and backgrounds. It's super easy and fun to use.

Whiteboard use
This app turns the interactive flat panel into an instant whiteboard for illustration of ideas, note scribbling, brainstorming and more.

Diverse file type support
EZWrite 2.0 can be used to create annotation over a wide range of multimedia files, from text to images and videos, for added user convenience.

Save your notes
Save up all the annotation work as images and share them with the class for take-home review.

Multi-touch interactivity
With the app's 6-point touch support, teachers can invite students up for group activities or team games that motivate learning.

At Your Disposal

Handy classroom instruction tools selected to enrich every lesson plan

The greatest thing about having a custom Android™ OS is that every app you need for classroom instruction has already been installed in the RP Series – and they are only a tap away.

WPS

Tap to launch this software to open Microsoft documents and PDF files.

Browser

Click on this button to explore and utilize vast online resources that can be added into the lesson for a more engaging discussion.

File manager

Type in the file name to quickly pull out the lessons or presentations needed for teaching or sharing. It's that easy.

Multimedia player

There is no need for additional stereo systems in class. This app allows you to share photos, music and videos right from the interactive flat panel.

QWrite Duo

Maximizing class participation with multi-user collaboration

The QWrite Duo software enables on-screen collaboration with annotation tools to edit, highlight and co-create various documents together. All the work created can be effortlessly saved as a QWrite Duo file or as an image file on your computer. There is also the option to make video and screen recordings of the lesson for easy sharing. Import and upload images from the classroom PC by creating a shortcut to access the local storage.

Things to love

- Easy-to-access menu system design that can be tucked away
- Windows mode for direct document editing and co-creation
- Teaching templates available for writing exercises
- Annotation recording to save and store all lecture notes
- Document import from your PC during class.

Freely shared resources

Write on or edit the projected document directly. There is also a selection of icons and patterns that teachers can incorporate into their annotations. Conveniently, you can also access image folders created on your computer. Each and every image creation can be saved for later sharing.

DisplayNote

Present, capture, share and collaborate all in one solution

BenQ's RP Series products come with a DisplayNote license key. Please refer to the instructions in the packaging on how to download and install DisplayNote software.

Screen mirroring

Mirror any content from the classroom PC or Mac to a student's device. You can also mirror any content from an iOS device onto the big screen.

Personalized notes

Students can capture the lecture or lesson on their device and personalize it by adding their own notes without the need for a separate note-taking app.

Real-time collaboration & sharing

Now students can contribute to and collaborate with teacher's slides using their device. DisplayNote lets the class collaborate on a shared whiteboard and save the annotations and presentations made during the session.

Wireless presenting

Work at the front of the class or use a tablet device to control the classroom PC wirelessly. Use DisplayNote on your device to open and annotate any content and share that with the class.

Student voting

Quickly gauge levels of understanding and gather feedback by posing questions to students and having them respond on their iPad, Android or laptop.

Lecture capture

Everything a student does in DisplayNote can be saved on their device. That means when a lecture or lesson is over they have the class slides, their notes and any group annotations all in one place.

Omnitapps Showcase

Multi-touch application for interactive classrooms

Ideal for schools that want to educate through a dynamic, interactive experience, Omnitapps Showcase allows teachers and students to play games that facilitate learning, display images with extra detailed information behind interactive buttons, ask questions in an interactive quiz format, use a video carrousel for educational videos, and more.

Whiteboard

An integrated interactive whiteboard application used to capture the attention of your students. This new interactive way of learning allows users to save all the remarks and notes made for sharing later.

MediaViewer

With improved features, users can select the files to be shown using a thumbnail menu on the bottom of the screen. They can also rotate and scale images, videos and PDF files with a touch and allow the audience to interact with the content on the same or a secondary screen.

MediaSwipe

This new slider application allows users to slide images and videos. Present a selection of image and video files to the class with swipe functionality. With the navigation bar at the bottom of the screen, users can easily navigate to the desired file.

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Major Advantages of Interactive Flat Panels

10

Time saving, easy to install & TCO friendly
The best interactive display device choice for schools

More and more educational tools have become integrated in the classroom and in many ways. Display devices, in general, are reputed to be time consuming and costly to install, set up, manage and maintain. However, with BenQ's RP Series, users can eliminate concerns. These interactive flat panels are designed to support various types of classroom environments, requiring minimal effort for installation, set up and maintenance.

Easy to install
No extra setup required. Just plug and play.

Touch driver-free

10 Better for health
No risk of breathing in chalk dust or chemical particles from whiteboard markers

Chemical-free   *Chalk dust-free*

2 Always ready to perform
No time to waste. No need to wait. It's ready to work when you are.

No warm up + No cool down = SAVE TIME

3 Engineered for reliability, long use, and lower costs
Outstanding long-term display performance, even if powered on continuously

IWB 30,000 HOURS = 📽 + 💡💡💡💡💡 + 🔧
$ $ $ $ $

IFP 30,000 ~ 50,000 HOURS = 📽̸ ☀̸
$ LOWER TCO

9 Compatible with configurable classroom AV control systems
With configuration-ready coding, schools can integrate the RP Series into their existing media link controller, such as Extron, for centralized AV switching and easy control.

DISPLAY — ON / OFF
VOLUME
PC / VIDEO
LAPTOP / MUTE
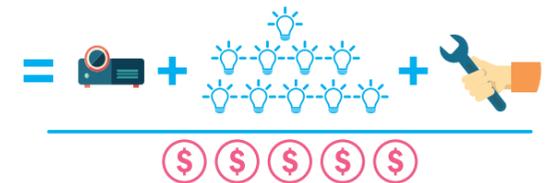
4 Virtually zero maintenance
No light bulb changing. No filter cleaning. No hidden maintenance costs.

8 Touch you can trust
CMOS touch technology may be affected by ambient light and deteriorate over time. This is why we use IR or infrared touch technology to improve our reliability and durability against external factors.

IR Touch
More reliable & durable

7 Dust-proof for rough environments
Being developed in a Class 10,000 cleanroom and having its cover glass sealed with the panel means proper prevention of dust damage to the display.

DUST
No more than 10,000 particles per cubic foot of air allowed

6 Eye caring
Our RP Series is glare-free, flicker-free and low in blue light emission for better eye health.

5 Easy management with multiple display administrator
MDA offers simultaneous remote management and control of multiple BenQ display devices through the local network or serial port, saving administrators significant time, costs and effort on adjusting, monitoring and maintaining individual units.

• Remote scheduling
• Configuration cloning
• Automated shutdown

MDA Software
Administrator

Digital Signage — Hallway
IFP — Classroom
Projector — Auditorium

Inspire Learning at Your Fingertips:
Go Interactive Today with the BenQ RP Series

We believe that hardware and software play equally important roles in bringing the best interactive learning experience into the classroom. This is why we've made our RP series the most versatile display choice for classrooms of the 21st century.

- ☑ Intuitive to use
- ☑ Simple to manage
- ☑ Eye-caring
- ☑ TCO friendly

RP552
55"

Operating System:
Android™ with pre-installed annotation and office apps

Software:
Omnitapps, MDA, QWrite Duo, DisplayNote

Accessories:
Touch pen (stylus), touch USB cable, quick start guide, VGA cable, power cord, remote control.

Flicker Free — TÜVRheinland CERTIFIED — www.tuv.com ID 0000041027
Low Blue Light Content — TÜVRheinland CERTIFIED — www.tuv.com ID 0000043610

Flicker-free | AG | B | 50,000 hrs | Plug & Play to Touch | Handle Design

RP652
65"

Operating System:
Android™ with pre-installed annotation and office apps

Software:
Omnitapps, MDA, QWrite Duo, DisplayNote

Accessories:
Touch pen (stylus), touch USB cable, quick start guide, VGA cable, power cord, remote control

Flicker Free — TÜVRheinland CERTIFIED — www.tuv.com ID 0000041027
Low Blue Light Content — TÜVRheinland CERTIFIED — www.tuv.com ID 0000043610

Flicker-free | AG | B | 30,000 hrs | Plug & Play to Touch | Handle Design | MHL | OPS Slot

RP702
70"

Operating System:
Android™ with pre-installed annotation and office apps

Software:
Omnitapps, MDA, QWrite Duo, DisplayNote

Accessories:
Touch pen (stylus), touch USB cable, quick start guide, VGA cable, power cord, remote control

Flicker Free — TÜVRheinland CERTIFIED — www.tuv.com ID 0000041027
Low Blue Light Content — TÜVRheinland CERTIFIED — www.tuv.com ID 0000043610

Flicker-free | AG | B | 50,000 hrs | Plug & Play to Touch | Handle Design | MHL | OPS Slot

RP790
79"

Operating System:
Android™ with pre-installed annotation and office apps

Software:
Omnitapps, MDA, QWrite Duo, DisplayNote

Accessories:
Touch pen (stylus), touch USB cable, quick start guide, VGA cable, power cord, remote control

Flicker Free — TÜVRheinland CERTIFIED — www.tuv.com ID 0000041027
Low Blue Light Content — TÜVRheinland CERTIFIED — www.tuv.com ID 0000043610

Flicker-free | AG | B | 30,000 hrs | Plug & Play to Touch | Handle Design | MHL | OPS Slot | 4K UHD

RP840G
84"

Operating System:
Android™ with pre-installed annotation and office apps

Software:
Omnitapps, MDA, QWrite Duo, DisplayNote

Accessories:
Touch pen (stylus), touch USB cable, quick start guide, VGA cable, power cord, remote control

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Low Blue Light Content — TÜVRheinland CERTIFIED — www.tuv.com ID 0000043610

Flicker-free | AG | B | 50,000 hrs | Plug & Play to Touch | Handle Design | 4K UHD

		RP552	RP652	RP702	RP790	RP840G
Panel	LCD Size	55"	65"	70"	79"	84"
	Light Source	LED	LED	LED	LED	LED
	Resolution	1920 x 1080 (FHD)	1920 x 1080 (FHD)	1920 x 1080 (FHD)	3840 x 2160 (4K)	3840 x 2160 (4K)
	Brightness (Typical)	350 nits	350 nits	350 nits	430 nits	350 nits
	Contrast Ratio (Typical)	1,400:1	4,000:1	4,000:1	1,400:1	1,600:1
	Response Time (ms)	8ms	6.5ms	6ms	5ms	8ms
	Viewing Angle (Horizontal/Vertical)	178°/178°	178°/178°	178°/178°	178°/178°	178°/178°
	Color Gamut (x% NTSC)	68%	72%	68%	72%	72%
	Panel Bit (8 or 10)	8 bit	8 bit	10 bit	10 bit	10 bit
	Light Life (Typical)	50,000hrs	30,000hrs	50,000hrs	30,000hrs	50,000hrs
	Display Orientation	Landscape	Landscape	Landscape	Landscape	Landscape
Power	Voltage	100V - 240V, 50/60Hz	100V - 240V, 50/60Hz	100V - 240V, 50/60Hz	100V - 240V, 50/60Hz	100V - 240V, 50/60Hz
	Maximum (Watt)	190W	220W	220W	250W	550W
Touch	Touch Technology	IR Touch	IR Touch	IR Touch	IR Touch	IR Touch
	Numbers of Touch	Up to 10 points	Up to 10 points	Up to 10 points	Up to 10 points	Up to 10 points
	Resolution	32,767 x 32,767	32,767 x 32,767	32,767 x 32,767	32,767 x 32,767	32,767 x 32,767
	Touch Interface	USB x 1	USB x 2	USB x 2	USB x 2	USB x 1
	OS Supported	Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X 10.6 to 10.10, Linux, Chrome OS				
Glass	Tempered Glass	4mm, tempered glass	4mm, tempered glass	4mm, tempered glass	4mm, tempered glass	4mm, tempered glass
	Anti-Glare (AG) Coating	80%	80%	80%	80%	80%
Audio	Internal Speaker	10W x 2	10W x 2	10W x 2	10W x 2	10W x 2
	Audio Input (L/R, RCA)	Yes (xl; L/R, in mini CVBS)	Yes	Yes	Yes	Yes (xl; L/R, in mini CVBS)
	Audio Output (L/R, RCA)	N/A	Yes	Yes	Yes	N/A
	External Speaker Out (L/R)	N/A	N/A	N/A	N/A	N/A
	Earphone (3.5mm)	Yes	Yes (x2)	Yes (x2)	Yes (x2)	Yes
	Line In (3.5mm)	Yes (x3)	Yes	Yes	Yes	Yes (x3)
	MIC (3.5mm)	N/A	Yes	Yes	Yes	N/A
	Coax Output	Yes	Yes	Yes	Yes	Yes
AC Power	Power (AC) Input	Yes	Yes	Yes	Yes	Yes
	Power (AC) Output	N/A	N/A	N/A	N/A	N/A
	Power Switch	Yes	Yes	Yes	Yes	Yes
Basic IO	VGA In	Yes (x3)	Yes	Yes	Yes	Yes (x3)
	VGA Output	Yes	N/A	N/A	N/A	Yes
	HDMI Input	HDMI 1.3 x 3 (MHL x 1)	HDMI 1.3 x 5 (MHL x 1)	HDMI 1.3 x 5 (MHL x 1)	HDMI 1.3 x 3; HDMI 1.4 x 2 (MHL x 1)	HDMI 1.3 x 3 (MHL x 1); HDMI1.4 x 1
	HDMI Output	N/A	Yes	Yes	Yes	N/A
	OPS Slot	N/A	Yes	Yes	Yes	N/A
Legacy IO	Composite Video In	Yes (RCA, share with mini CVBS)	Yes (RCA)	Yes (RCA)	Yes (RCA)	Yes (RCA, share with mini CVBS)
	Composite Video Out	N/A	Yes (RCA)	Yes (RCA)	Yes (RCA)	N/A
	Component In (YPbPr)	N/A	Yes (RCA)	Yes (RCA)	Yes (RCA)	N/A
	S-Video In	N/A	N/A	N/A	N/A	N/A
	USB Player (Photo, Video)	Yes (x4; USB2.0 x 3; USB3.0 x 1)	Yes (x2)	Yes (x2)	Yes (x2)	Yes (x2)
	USB Port (USB Extender)	N/A	Yes (x2) (for OPS)	Yes (x2) (for OPS)	Yes (x2) (for OPS)	N/A
Control	RS232 Input	Yes	Yes	Yes	Yes	Yes
	RS232 Output	N/A	Yes	Yes	Yes	N/A
	RJ45 Port	Yes	Yes	Yes	Yes	Yes
	Firmware Update	USB / RS232 / OTA	USB / OTA	USB / OTA	USB / OTA	USB / RS232 / OTA
Mechanical	Weight (Without Packing / With Packing)	54kg / 65kg	65kg / 77kg	77kg / 90kg	91kg / 112kg	116kg / 146kg
	Dimension (WxHxD)	1,315 x 805 x 93mm	1,505 x 901 x 95mm	1,625 x 968 x 95mm	1,847 x 1,093 x 95mm	1,978.2 x 1,186.7 x 95mm
	Wall Mounting	VESA Standard; 400 x 400 (M8 x 25)	VESA Standard; 400 x 400 (M8)	VESA Standard; 400 x 400 (M8)	VESA Standard; 600 x 400 (M8)	VESA Standard; 600 x 600 (M8)
	VESA Hole (For Media Player)	N/A	100 x 100 (M4)	100 x 100 (M4)	100 x 100 (M4)	N/A
	Front I/O Cover	N/A	Yes	Yes	Yes	N/A
	Handle	Yes (x2)	Yes (x2)	Yes (x2)	Yes (x4)	Yes (x2)
	Pen Tray	N/A	Yes	Yes	Yes	N/A
Language	OSD	English / French / Spanish / Portuguese / Simplified Chinese / Traditional Chinese / German / Deutsch / Polish / Russian / Czech / Danish / Swedish / Italian / Romanian / Finnish / Norwegian / Greek / Turkish / Arabic / Japanese (21 Languages)				
Package / Accessory	Remote Control + Battery x2	Yes	Yes	Yes	Yes	Yes
	Power Cord (By Region)	Yes	Yes	Yes	Yes	Yes
	Audio Cable	Yes	N/A	N/A	N/A	Yes
	VGA Cable	Yes	Yes	Yes	Yes	Yes
	Quick Start Guide	Yes	Yes	Yes	Yes	Yes
	User's Manual Electronic File	Yes (on BenQ local website)	Yes (on BenQ local website)	Yes (on BenQ local website)	Yes (on BenQ local website)	Yes (on BenQ local website)
	Touch USB Cable	Yes	Yes	Yes	Yes	Yes
	Touch Pen (Stylus)	Yes (x2)	Yes (x2)	Yes (x2)	Yes (x2)	Yes (x2)
	Software License Card	Yes	Yes	Yes	Yes	Yes
Optional	Wall Mount	Yes	Yes	Yes	Yes	Yes
	QCast HDMI Streaming Dongle	Yes	Yes	Yes	Yes	Yes
	Trolley	Yes	Yes	Yes	Yes	Yes

Actual product's features and specifications may vary by region and are subject to change without notice.

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Because it matters