70" HD Interactive Blackboard

Touch-enabled HD Classroom Display
with built-in whiteboard and document reader

At BenQ we are committed to empowering educators with the best interactive classroom display technology. Further, we believe that hardware and software play equally important roles in promoting effective learning. This belief has driven the development of our RP702 70" HD interactive blackboard displays, which are designed to support teachers by bringing to the classroom a truly interactive solution that engages students and promotes collaborative learning.

Engage Students

The BenQ RP702 touch interactive flat panel provides educators access to tools and resources never before available. With improved access to interactive online resources, teachers can now explain and illustrate subjects in ways students can more easily understand, increasing student's interest in the subjects at hand and improving the classroom experience.

Readability Matters

BenQ RP Series interactive flat panels are designed to help educators make a natural transition from traditional lecture-style teaching to truly collaborative learning. The RP702 features a large 70" High Definition classroom-ready display large enough to replace existing blackboards, whiteboards and interactive whiteboards while providing crisp, bright text that is easy to read from anywhere in the classroom..

Key Features

- 70" diagonal display is the ideal size for small to medium size classrooms
- HD resolution display for easy to read text and graphics
- Tempered anti-glare surface enables everyone to clearly see the screen from anywhere in the room
- Low Blue Light technology reduces eye fatigue
- Powerful 20-watt audio allows lessons to be easily heard
- Instant whiteboard functionality via built-in Android OS EZWrite feature
- Multiple Display Administrator software allows centralized remote display management

Additional Features

- 10-point touch interactivity allows up to 10 students to collaborate simultaneously on solving problems
- Exceptionally fast and smooth interactive touch response
- Similar touch gestures as tablets and smartphones to zoom, click and rotate images
- Infrared interactive technology for maximum accuracy and dependability
- Built-in Office document reader for PC-free teaching
- Combined pen and finger touch capability for easy interaction with any content
- Front bezel Inputs, instantly connect guest computers
- Driver-free touch interactivity when connected to PC, Mac, Linux and Chrome OS
- Display files directly from USB flash drive or the cloud
- SMART Notebook software compatibility
- On-screen display menu uses touch to control the display with no remote control needed
- 5 HDMI inputs for today's digital sources
- Image is easily viewed under any lighting conditions
- LED backlight provides bright, durable display illumination lasting 50,000 hours
- VGA inputs for legacy analog sources

BenQ.us • BenQ.ca

BenQ

Because it matters

SPECIFICATIONS

Panel	LCD Size	70"
	Light Source	LED
	Active Area (mm)	1549.44 x 871.56mm
	Resolution	FHD 1920 x 1080 (pixels)
	Aspect Ratio	16:9
	Brightness	350 cd/m² nits (typ.)
	Contrast Ratio (typ.)	4000:1
	Response Time (ms)	6ms
	Pixel Pitch	0.802 mm x 0.802 mm
	Frame Rate	120 Hz
	Viewing Angle	178 degree (H) / 178 degree (V)
	Light Life	50,000 hrs (typ.)
	Color Gamut (x% NTSC)	68%
	Panel Bit	10 bit, 1073.7 M
Power	Voltage	100V~240V, 50-60Hz
	Maximun (watt)	<220W
	Standby (watt)	≤0.5W
	Power Off (watt)	≤0.5W
Touch	Touch Points	10 points simutaneously
	OS Supported	Win XP, Win Vista, Win 7, Win 8, Mac 10.6-10.10, Linux, Chrome OS 34.0.1847.134
	Touch Driver Free	Yes; separated driver for Mac 10.10
Operating Range	Tempered Glass	4mm (Anti glare 80%)
	Operation Temp (dC)	0°C ~ 40°C
	Storage Temp (dC)	-10°C ~ 60°C
	Storage Humidity	10% ~ 90% RH Non-Condensing
	Operating Humidity	20% ~ 80% RH Non-Condensing
	Display Orientation	Landscape
	Usage (hrs/days)	18 hours/days
Audio	Audio Input (L/R, RCA)	x1
	Audio Output (L/R, RCA)	x1
	Internal Spk	10W x 2
	Line Out(3.5mm)	x2
	MIC (3.5mm)	x1
	Line In (3.5mm)	x1
	COAX Output	x1
AC Power	Power (AC) Input	x1
	Power Switch	x1
I/O	VGA In	x1
	HDMI Input	x5
	HDMI Output	x1
	Composite Video In (BNC)	x1(RCA)
	Composite Video Out (BNC)	x1(RCA)
	Component In (YPbPr, RCA)	x1(RCA)
	USB port (for USB playback)	x2
	USB Port (PC)	x 2 (for OPS)
Control	RS232 Input	x1
	RS232 Output	x1
	RJ45 Port	x1
	FW Update	USB / On the air
	OPS/Option Board Slot	OPS
Mechanical Pattern	Weight (without / with packing)	169.7lbs/198.4lbs / 77kgs/90kgs
	Dimension (WxHxD)	64" x 38" x 3.7" (Packing) / 74.6" x 47.6" x 13.3" 1,625mm x 968mm x 95mm (Packing) / 1,895mm x 1,210mm x 340 mm
	Bezel Width (T/B/L/R)	35/56/35/35 mm
	Wall Mounting	VESA standard; 400x400 (M8)
	VESA Hole (for Media Player)	100 x 100 (M4)
	OPS/Option Board Slot	Yes
	Pen Tray	x1
	Handle	x2
Language	OSD	EN/EF/SP/EP/CN/TC/GM/DT/PL/RS/CZ/DN/SW/IT/RM/FN/NG/GK/TK/AB/JP (21L)
Accessory	Remote Controller	X1
	PWR Cord (by region)	1.8 meter, detachable, black color. RoHS compliance.Cable length follow BenQ sku list
	VGA Cable	Yes (1.5M)
	Quick Start Guide	x1
	USB Cable (Touch)	x1 (5M)
	Touch Pen (Stylus)	x2
Software Compatible	Multiple Display Administrator	Yes
	Chalk Board APP	Yes
	WPS (office viewer APP)	Yes
Embeded OS	OSD Menu with Touch Enable	Yes
Number	UPC Code	840460-3269-2
	BenQ Part Number	9H.FIWTK.DA2
Warranty	Warranty	3-year
Features	Android built-in, Image Setting, Digital Daisy Chain, RS232 Control Daisy Chain, Sharpness Enhancement HDMI-HDCP, HDMI-MHL, Freeze/ Blank, Front I/O, ZeroFlicker, Low Blue Light	

HIGHLIGHTS

HD Resolution for Stunning Image Clarity

A visually stunning HD image resolution does much more than just capture students' attention, it also provides a high level of viewing clarity for subjects such as biology, chemistry and fine arts that require visual demonstrations of detail-oriented images.

Low Blue Light

Studies show that blue light originating from digital displays such as smartphones and tablets, as well as from fluorescent lamps, can have adverse effects on our eyes and the human body. This blue light may cause eye discomfort which can lead to eyestrain, lack of focus and even mental fatigue. BenQ displays feature a Low Blue Light mode to effectively eliminate blue light emissions, enabling teachers' eyes to remain focused and refreshed, even after prolonged use.

ZeroFlicker for refreshed eyes

The Image on conventional displays flickers at up to 200 times per second to achieve the desired brightness level, creating a level of visual noise that your eyes cannot see but can certainly feel. This visual noise can cause eyestrain, eye fatigue and discomfort.

BenQ displays utilize ZeroFlicker technology, an exclusive direct lighting method that delivers steady, smooth lighting to keep teachers' and students' eyes comfortable and refreshed, even after long hours of use.

Anti-Glare Tempered Glass

Screen glare shining in students' eyes, can lead to difficulty reading content, which can lead to lack of attention or focus. This can become very uncomfortable and distracting for teachers and students alike. BenQ RP Series displays use strong, durable, high-quality 4mm anti-glare tempered glass to minimize reflections and produce easier-to-read text with clearer images on the screen, which helps students absorb more of the class material being presented

Instant Touch Interactive Functionality

Conventional displays can require complicated computer driver installations before enabling touch functionality. BenQ RP Series displays feature driver-free touch interactivity, enabling drivers to be automatically loaded in the background with no complications and no hassles. Simply connect the computer to the display's touch USB port and you are ready to deliver a touch-interactive lesson. This feature supports PC, Mac, Linux and Chrome operating systems.

BenQ.us | BenQ.ca

Because it matters