Something we were born to do
Touch, interact & inspire

BenQ Interactive Technology

Because it matters

Interactive Flat Panel

RP Series

Model Nome	RP650+	RP550+	RP650
	65" Full-HD	55" Full-HD	65" Full-HD
	NextWindow 5-points Multitouch	NextWindow 5-points Multitouch	NextWindow 5-points Multitouch
	Anti-Glare glass	Anti-Glare glass	Front IO orientation
	Front IO orientation	Front IO orientation	
	USB reader/player function	USB reader/player function	USB reader/player function
	LAN control and LAN display	LAN control and LAN display	LAN control and LAN display
	20mm border is active function for Win8 touch	20mm border is active function for Win8 touch	20mm border is active function for Win8 touch

Panel		Panel	65"	55"	65"
		Backlight	LED	LED	LED
		Resolution	Full-HD 1920 x 1080 (pixels)	Full-HD 1920 x 1080 (pixels)	Full-HD 1920 x 1080 (pixels)
		Aspect Ratio	16 : 9	16 : 9	16 : 9
		Brightness	360nits	350nits	360nits
		Contrast Ratio	4000:1	1400:1	4000:1
		Viewing Angle	178 degree (H) / 178 degree (V)	178 degree (H) / 178 degree (V)	178 degree (H) / 178 degree (V)
		Color gamut (x% NTSC)	72%	68%	72%
		Frame Rate	60Hz	60Hz	60Hz
		Response Time	8ms	8ms	8ms
		Panel bit	10-bit	8-bit	10-bit
		Light life	50000hrs (min.)	50000hrs (min.)	50000hrs (min.)
		Orientation	Landscape & Portrait	Landscape & Portrait	Landscape & Portrait
Touch solution		Touch tech.	Optical	Optical	Optical
		Number of touches	Multi-touch up to 5 touches	Multi-touch up to 5 touches	Multi-touch up to 5 touches
		Resolution	32767 x 32767	32767 x 32767	32767 x 32767
Cover glass		Thickness	Tempered, 5 mm	Tempered, 5 mm	Tempered, 5 mm
		Hardness	7H	7H	7H
		AG coating	80%	80%	NA
Speaker		Built-in speaker	12W x 2	12W x 2	12W x 2
Interface	Input	Power (AC) inlet	x 1	x 1	x 1
		Audio line-in	x 1	x 1	x 1
		Composite video (BNC)	x 1	x 1	x 1
		Composite audio (RCA)	x 1	x 1	x 1
		Component video (RCA)	x 1	x 1	x 1
		D-sub	x 1	x 1	x 1
		Type A HDMI	x 2	x 2	x 2
		Type A USB	x 1	x 1	x 1
		Mini B USB	x 1	x 1	x 1
		RJ45	x 1	x 1	x 1
		RS232	x 1	x 1	x 1
		Microphone-in (1/4")	x 1	x 1	x 1
		S-video	x 1	x 1	x 1
		DisplayPort	x 1	x 1	x 1
		DVI-D	NA	NA	NA
	Output	Power (AC) outlet	x 1	x 1	x 1
		Composite audio (RCA)	x 1	x 1	x 1
		RS232	x 1	x 1	x 1
		D-sub	x 1	x 1	x 1
		External Speaker Out (L/R)	NA	NA	NA
	Others	AC power switch	x 1	x 1	x 1
		IR receiver	x 1	x 1	x 1
		USB (Type B) for Touch Module	NA	NA	NA
Mechanical	Dimensions(W x H x D)		1515 x 981 x 210mm	1258x742x210mm	1515 x 981 x 210mm
	Weight		67KG	45.7KG	67KG
Power	Power supply		AC100 to 240V, 50 to 60 Hz	AC100 to 240V, 50 to 60 Hz	AC100 to 240V, 50 to 60 Hz
	Power consumption		<265W, 221W (Typ.)	<170W, 140W (Typ.)	<265W, 221W (Typ.)
OSD	On-Screen Display Languages		EN/FR/ES/PT/SC/TC/DE/NL/PO/PY/CZ/DA/SW/IT/RO/FI/NO/GR/TU/AR/JA (21L)	EN/FR/ES/PT/SC/TC/DE/NL/PO/PY/CZ/DA/SW/IT/RO/FI/NO/GR/TU/AR/JA (21L)	EN/FR/ES/PT/SC/TC/DE/NL/PO/PY/CZ/DA/SW/IT/RO/FI/NO/GR/TU/AR/JA (21L)
Accessories	Standard	Remote Control w/ Battery	x 1	x 1	x 1
		Power Cord (by region)	x 1	x 1	x 1
		Touch pen	x 2	x 2	x 2
		Quick Start Guide	x 1	x 1	x 1
		audio cable connection guide	x 1	x 1	x 1
		USB cable	x 1	x 1	x 1
		VGA(D-sub 15pin) Cable	x 1	x 1	x 1
		Qdraw card 3	x 1	x 1	x 1
		Audio cable (1 to 3)	x 1	x 1	x 1
	Optional	Wallmount			
		Stand			
		USB wi-fi dongle			

Interactive Flat Panel

IL Series

Model Nome	IL650	IL460	IL420
	65" Full-HD	46" Full-HD	42" Full-HD
	IRTouch 2-points IR Multitouch	NXO 6-points IR Multitouch	NXO 6-points IR Multitouch
	PID panel	PID panel	PID panel
Landscap & Portrait orientation mode support	Landscap & Portrait orientation mode support	Landscap & Portrait orientation mode support	
RS232 & LAN control	RS232 & LAN control	RS232 & LAN control	

Panel	Panel	65"	46"	42"
	Backlight	LED	LED	LED
	Resolution	Full-HD 1920 x 1080 (pixels)	Full-HD 1920 x 1080 (pixels)	Full-HD 1920 x 1080 (pixels)
	Aspect Ratio	16 : 9	16 : 9	16 : 9
	Brightness	360nits	500nits	400nits
	Contrast Ratio	4000:1	4000:1	1000:1
	Viewing Angle	178 degree (H) / 178 degree (V)	178 degree (H) / 178 degree (V)	178 degree (H) / 178 degree (V)
	Color gamut (x% NTSC)	72%	72%	68%
	Frame Rate	60Hz	60Hz	60Hz
	Response Time	8ms	6.5ms	9ms
	Panel bit	10 bit (8bit+FRC), 1073.7M	10 bit (8bit+FRC), 1073.7M	8 bit, 16.7M
	Light life	50,000 hrs (typ.)	50,000 hrs (typ.)	30,000 hrs (min.) 50,000 hrs (typ.)
	Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
Touch solution	Touch tech.	IR	IR	IR
	Number of touches	2 simultaneous touches	6 simultaneous touches	6 simultaneous touches
	Resolution	32767 x 32767	32767 x 32767	32767 x 32767
Cover glass	Thickness	Tempered, 3 mm	Tempered, 3 mm	Tempered, 3 mm
	Hardness	8H	8H	8H
	AG coating	NA	NA	
Speaker	Built-in speaker	12W x 2	12W x 2	12W x 2
Interface	Power (AC) Inlet	x 1	x 1	x 1
Input	Audio line-in	x 1	x 1	x 1
	Composite video (BNC)	x 1	x 1	x 1
	Composite audio (RCA)	x 1	x 1	x 1
	Component video (RCA)	x 1	x 1	x 1
	D-sub	x 1	x 1	x 1
	Type A HDMI	x 1	x 1	x 1
	Type A USB	NA	NA	NA
	Mini B USB	NA	NA	NA
	RJ45	x 1	x 1	x 1
	RS232	x 1	x 1	x 1
	Microphone-in (1/4")	NA	NA	NA
	S-video	NA	NA	NA
	DisplayPort	x 1	x 1	x 1
	DVI-D	x 1	x 1	x 1
Output	Power (AC) outlet	x 1	x 1	x 1
	Composite audio (RCA)	x 1	x 1	x 1
	RS232	x 1	x 1	x 1
	D-sub	x 1	x 1	x 1
	External Speaker Out (L/R)	NA	x 1	x 1
Others	AC power switch	x 1	x 1	x 1
	IR receiver	x 1	x 1	x 1
	USB (Type B) for Touch Module	x 1	x 1	x 1
Mechanical	Dimensions(W x H x D)	1520.4x882x107.1mm	1066x621x100 mm	981x571x121 mm
	Weight	63/75 kg	27.7/32.5 kg	22.7/26.8 kg
Power	Power supply	100V ~ 240V, 50 Hz / 60 Hz	100V ~ 240V, 50 Hz / 60 Hz	100V ~ 240V, 50 Hz / 60 Hz
	Power consumption	<265W, 221W (Typ.)	<150W, 132W (Typ.)	<150W, 120W (Typ.)
OSD	On-Screen Display Languages	English/ French/ Portuguese/ Spanish/ Simplified Chinese/ Traditional Chinese(6 Languages)	English/ French/ Portuguese/ Spanish/ Simplified Chinese/ Traditional Chinese(6 Languages)	English/ French/ Portuguese/ Spanish/ Simplified Chinese/ Traditional Chinese(6 Languages)
Accessories	Remote Control w/ Battery	x 1	x 1	x 1
Standard	Power Cord (by region)	x 1	x 1	x 1
	Touch pen	x 2		
	Quick Start Guide	x 1	x 1	x 1
	audio cable connection guide	x 1	x 1	
	USB cable	x 1	x 1	x 1
	VGA(D-sub 15pin) Cable			x 1
	Qdraw card 3			
	Audio cable (1 to 3)			
Optional	Wallmount			
	Stand			
	USB wi-fi dongle			

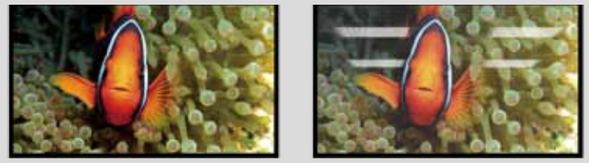
Optical Multi-touch

Optical Multi-touch (RP series)
The OpticalTouch always gives responsive feedback with accurate positioning. You can touch the screen to pan, zoom and scroll images with your fingers through the NextwindowTM technology. This eliminates the need for a mouse or keyboard, so you can operate education software or presentation like using a tablet to enjoy an engaging experience.

10-bit PID Panel

BenQ Interactive Flat Panels offer more efficient power-saving features without sacrificing display performance. The PID (Public Information Display) panel is made for extended daily use while keeping uniform brightness, high reliability and superior durability as the vivid 10-bit color offers smooth, natural color transitions in gradients.

Anti-Glare Display



By effectively reducing reflection from the screen surface, the advanced AG glass employed by BenQ IFP RP 650+/ RP550+ eliminates visual interference from glare to prevent eye fatigue and stress, and therefore elevates the appeal of classroom activities for students.

Front I/O placement (RP series)

Meticulously designed for teachers, the front-panel access to I/O interfaces like Type-A USB, HDMI and microphone input is a big timesaver. Teachers can effortlessly connect media players and microphones to the display without reaching for I/O ports on the side or back without seeing them. There's even a convenient tray reserved for IFP pens.

QDraw 3.0

With Qdraw 3.0 software, BenQ offers a full interactive solution for classroom. Intuitive software, QDraw 3.0 makes the teaching more productive and efficient..

Ambient Light Sensor

Classroom environments do not always have uniform ambient brightness, thus our displays are designed to compensate for this. For instance, the standard daytime brightness setting could be too strong for the afternoon or evening, resulting sore eyes and fatigue. BenQ displays with ambient light sensors can automatically adjust brightness according to ambient light to make viewing more comfortable.