79"

Ultra Image Clarity Meets Perfect Installation Size
BenQ 79" 4K Interactive Flat Panel

The Most Effortless Transition from Standard Blackboard to Interactive Learning with 4K Resolution, Touch Driver-Free Design, 10-Point Touch Capability, Eye-Care Solution, Easy Installation and Low TCO

USA
45%
21
Egypt
34%
Anguilla
Russia
23%
India
3%
China
11
Israel

eye-care™

BenQ IFP RP790

Handle Design

30,000 hrs

AG

Plug & Play to Touch

MHL

4K UHD

BenQ

Because it matters

BenQ IFP RP790

Perfect Size in the Classroom

The RP790, being 98cm in height and 174cm in length, offers a classroom-ready size closest to standard blackboards. So teachers can make the transition to teaching with an interactive flat panel naturally, and schools can save on installation, labor, as well as future maintenance costs.

4K Resolution

With a stunning 4K resolution, the RP790 boasts a pixel density of 55 PPI (Pixels Per Inch), which is three times the PPI of today's mainstream interactive whiteboards in the 77" to 79" size range. Every student in class can now enjoy the highest image clarity.

Total Eye-Care Solution

The RP790 is designed to safeguard the eye health of teachers and students, preventing eyestrain, eye fatigue and mascular degeneration, while ensuring instructional effectiveness.

- **Flicker-free Technology*** for eliminating flickering at all brightness levels
- **Low Blue Light Technology*** to reduce harmful blue spectrum light emission
- **Anti-glare display** to reduce reflection for a more legible text and clearer image display

*Built into the Classroom Mode for easy access

Multi-Platform Compatibility

Compatible with Windows, Mac, Linux and Chrome operating systems, the RP790 works seamlessly with a wide range of computing devices. Just plug and play. It's touch driver-free.

Teacher Friendly Front Bezel Design

For uninterrupted teaching, BenQ has built several features into the front bezel for quick and easy access.

- **Hotkeys** for Freeze and Blank features, as well as volume and input source control
- **Multimedia I/O interface** that includes every port needed for teaching, from HDMI to Touch USB, media USB and OPS USB ports, and an earphone and microphone jack
- **Protective cover** to keep away curious hands while giving the IFP a stylish look
- **Multi-touch ports** including two USB ports, one set on the front bezel, for connecting up to two devices at the same time

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.

Custom Android OS for the Classroom

The RP790 features a custom Android OS that comes with various useful apps for classroom instruction, from WPS Office to Web Browser, EZWrite and Media Player. This closed platform puts schools in full control over the RP790, ensuring the proper use of the IFP by preventing downloads and use of unauthorized apps. This in turn minimizes unanticipated damages or breakdowns.

Specifications

Model		RP790
Panel	LCD Size	79"
	Light Source	LED
	Resolution	3840 x 2160 (4K)
	Brightness (Typical)	430 nits
	Contrast Ratio (Typical)	1400:1
	Response Time (ms)	5ms
	Viewing Angle	178 degree (H) / 178 degree (V)
	Color Gamut (x% NTSC)	72%
	Panel Bit (8 or 10)	10-bit
	Light Life (Typical)	30,000 hrs
	Display Orientation	Landscape
Power	Voltage	100V - 240V, 50 / 60Hz
	Maximun (Watt)	250W
Touch	Touch Technology	IR Touch
	Numbers of Touch	Up to 10 points touch
	Resolution	32767 x 32767
	Touch Interface	USB x 2
	OS Supported	Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X 10.6~10.10, Linux, Chrome OS
Glass	Tempered Glass	4mm, Tempered Glass
	AG Coating	80%
Audio	Internal Speaker	10W x 2
	Audio Input (L/R, RCA)	Yes
	Audio Output (L/R, RCA)	Yes
	External Speaker Out (L/R)	N/A
	Earphone (3.5mm)	Yes (x 2)
	Line In (3.5mm)	Yes
	MIC (3.5 mm)	Yes
	Coax Output	Yes
AC Power	Power (AC) Input	Yes
	Power (AC) Output	N/A
	Power Switch	Yes
Basic IO	VGA In	Yes
	VGA Output	N/A
	HDMI Input	HDMI 1.3 x 3 ; HDMI 1.4 x2 (MHL x 1)
	HDMI Output	Yes
	OPS Slot	Yes
Legacy IO	Composite Video In	Yes (RCA)
	Composite Vdeo Out	Yes (RCA)
	Component In (YPbPr)	Yes (RCA)
	S-Video In	N/A
	USB Player (Photo, Video)	Yes (x 2)
	USB port (USB extender)	Yes x 2 (for OPS)
Control	RS232 Input	Yes
	RS232 Output	Yes
	RJ45 Port	Yes
	FW Update	USB / OTA
Mechanical	Weight (without packing / with packing)	91kg / 112kg
	Dimension (W x H x D) (without packing/ with packing)	1,847 x 1,093 x 95mm/ 2,115 x 1,400 x 360mm
	Wall Mounting	VESA Standard; 600 x 400 (M8)
	VESA Hole (for Media Player)	100 x 100 (M4)
	Front I/O Cover	Yes
	Handle	Yes (x 4)
	Pen Tray	Yes
Language	OSD	EN / EF / SP / EP / CN / TC / GM / DT / PL / RS / CZ / DN / SW / IT / RM / FN / NG / GK / TK / AB / JP (21L)
Package / Accessory	Remote Controller + Battery x2	Yes
	PWR Cord (by region)	Yes (x 4)
	Audio Cable	N/A
	VGA Cable	Yes (1.5M)
	Quick Start Guide	Yes
	User's Manual Electronic File	Yes (on BenQ Local Website)
	USB Cable for Touch	Yes (5M)
	Touch Pen (Stylus)	Yes (x 2)
	SW Licence Card	Yes
Optional	Wall Mount	Optional
	HDMI Wifi Dongle (QCast)	Optional
	Trolley	Optional

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- Arsenic-free optical glass
- BFR/PVC-free casing plastics
- Eco-friendly ink printing in packaging box

Dealer's Stamp

Note: Android is a trademark of Google Inc.

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Because it matters