

79"

Versatile, Smart and Vision-Friendly BenQ 79" 4K Interactive Flat Panel

Classroom Interaction Now Enhanced by Touch driver free, 4K, 10 point touch and Eye-care Technology for Maximized Convenience, Efficiency and Viewing Comfort.



BenQ IFP RP790



Because it matters

BenQ IFP RP790



Perfect size in the classroom

RP790 provides unique size with 98 cm in height and 174cm in length, and it is much closer to standard blackboard in the classroom. Knowledge can be shared between teacher and students naturally and easily with 79 inch interactive flat panel

4K resolution

The PPI (Pixel Per Inch) is 55 when the screen size is 79 inch with 4K resolution, and it is 3 times larger than the PPI of the current main stream IVB solution at same category from 77 to 79 inch.

Low Blue Light Technology

The interactive flat panels are built with BenQ's Low Blue Light Technology to reduce harmful blue spectrum light emission, which cause eyestrain, eye fatigue and even macular degeneration. The Low Blue Light Technology features the Classroom mode that combats the possible side effects associated with blue light in every usage occasion.

Anti-Glare Glass

The screen's anti-glare glass reduces reflection, for more legible text and clearer images, helping students avoid eyestrain and facilitating more effective instruction.

Multi-Platform Compatibility

Compatible with major operating systems from Windows to Mac, Linux and Chrome, the interactive flat panels are built to work seamlessly with a wide range of computing and mobile devices with a simple plug and play Touch driver free.

Front Bezel HotKey Design

Hotkeys are incorporated on the front bezel for quick and easy access to Freeze and Blank features as well as volume and input source control.

Quick Access on Remote Control

The Freeze and Blank features are built as hotkeys on the remote control for easy access to support classroom instruction and presentation efficiency.

Multi-Touch Port

With two USB ports, one set on the front bezel for easy access, the interactive flat panels support up to two computing devices

DisplayNote Software

The DisplayNote software is a cross platform solution that facilitates real-time collaboration across multiple computing and smart devices, enabling everyone to stream content and contribute to the presentation. The Wireless Desktop Control feature further allows teachers to mirror and wirelessly control their PC from anywhere in class, freeing them from traditional lecture style teaching.

MDA Software (LAN only)

Multiple Display Administrator (MDA) saves time and effort by providing remote management of BenQ Interactive Flat Panel. MDA also supports remote shutdowns of equipment not in use, saving significant power costs.

BenQ QCast Software

The BenQ QCast software enables seamless wireless streaming and mirroring of all digital contents through a BenQ WiFi dongle, empowering teachers to enrich their lesson plans with a variety of multimedia resources.

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
Power	Display Orientation	Landscape
	Voltage	100V - 240V, 50 / 60Hz
Touch	Maximun (Watt)	TBD
	Touch Technology	IR Touch
	Numbers of Touch	10 Points Touch
	Resolution	32767 x 32767
	Touch Interface	USB x 2
Glass	OS Supported	Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X 10.6~10.10, Linux, Chrome OS
	Tempered Glass	4mm, Tempered Glass
Audio	AG Coating	80%
	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
AC Power	Coax Output	Yes
	Power (AC) Input	Yes
	Power (AC) Output	N/A
Basic IO	Power Switch	Yes
	VGA In	Yes
	VGA Output	Yes
	HDMI Input	Yes (x 5); 3 x 1080P; 2x 4K2K
	HDMI Output	Yes
Legacy IO	OPS Slot	Yes
	Composite Video In	Yes (RCA)
	Composite Video Out	Yes (RCA)
	Component In (YPbPr)	Yes (RCA)
	S-Video In	N/A
	USB Player (Photo, Video)	Yes (x 2)
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
	VESA Hole	600 x 400 (M8)
	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)
	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 (Q-Cast)	Optional
	Table Stand	N/A
	Trolley	Optional



Dealer's Stamp

