# RP700+ | Designed For Excellence

## Features

- 70" Interactive Touch
- Native Full HD 1920 x 1080 Resolution
- 4,000:1 Native Contrast Ratio
- High Brightness & 10-bit PID Panel
- 6 ms Response Time, HDMI

## Highlights

Adopting an open system coupled with interactivity, BenQ delivers a future proof system with the RP-series. The RP-series large-screen display utilizes LED backlighting to deliver environmental and functional benefits. Featuring a full-HD model built with two 15W speakers, and up to 6-points of touch recognition, the RP-series enhances the interactive experience.

### 6-Points Touch Technology

An advanced touch screen not only provides a responsive, high-precision interface even for writing, but it enables multiple people to interact and collaborate simultaneously. By making the most use of the expansive screen area, increasing participation, and stimulating enthusiasm, RP700+ genuinely realize the full potential of IFP technology

### Supports Popular Operating Systems

The RP700+ now supports multiple, popular platforms. The RP700+ offers seamless integration. Users will no longer need additional drivers for insulation - users can simply plug & play. The plug & play feature is compatible not only for Windows, MAC, or Linux but also for Chrome OS users. This feature delivers flexibility for any integrator.

### Anti-Glare Glare Design

Experience long lasting comfort in the classroom. The RP700+ was specifically designed to reduce visual interference caused by glare. The anti-glare glare design prevents light reflection common to classrooms.

### Ambient Light Sensor

Automatic brightness adjustment not only ensures the best viewing experience regardless of light levels in the room, but also protects the eyes and ensures excessive brightness is not wasted when unnecessary, reducing power consumption by up to 50%.

### Front I/O and Optional Pen Tray

USB and HDMI ports, as well as a microphone jack, are located on the front panel, making it easy for teachers or speakers to plug in peripheral devices. A pen tray provides a handy place keep an IFP stylus and other tools to enhance a presentation, providing fast access and avoiding needless interruption.

## Specifications

| | |
|---|---|
| Screen Size | 70" |
| Type | PID |
| Light Source | LED |
| Active Area (mm) | 60.5" (H) x 34.0" (V) |
| Resolution (pixels) | FHD 1920 x 1080 |
| Aspect Ratio | 16:9 |
| Brightness (typ.) | 350 cd/m$^2$ |
| Native Contrast Ratio (typ.) | 4,000:1 |
| Response Time (GTG) | 6 ms |
| Pixel Pitch (H x W) | 0.802 mm |
| Frame Rate | 120 Hz |
| Viewing Angle (H / V) | 176$^0$ / 176$^0$ |
| Light Life | 50,000 hrs (typ) |
| Color Gamut (x% NTSC) | > = 68% |
| Panel bit | 10-bits |
| Voltage (AC in) | 100 V ~ 240 V, 50 Hz / 60 Hz |
| Maximun (Watt) | 300W |
| Standby (Watt) / Power Off (Watt) | < 1 W / < 1 W |
| Technology | IR Touch |
| Resolution (points area function) | 32767 x 32767 |
| Capacity | 6 points |
| Accuracy | +/-2mm |
| Touch Output | USB, x3 |
| Operation Temp (dC) | 0°C ~ 40°C |
| Weight (without packing / with packing) | 165.3 lbs / 196.2 lbs |
| Dimension (WxHxD) | 77" x48.8" x11.8" (Packing)/ 64.7" x 38.2" x 4.8" |
| Bezel Width (T/B/L/R) | 1.9" |
| Display Orientation | Landscape/Portrait |
| Audio W (Amp) | 15W + 15W |
| Audio Input | O x 2 (1x in Front Panel (3-in-1) ; 1x in rear side (RCA)) |
| Audio Output (L/R, RCA) | O x 1 (1 x in rear side (3-in-1)) |
| Internal Spk/ External Spk Out (L/R) | O / O |
| Line out (3.5mm) / Line in (3.5mm) | O / O x 2 |
| MIC (3.5mm) | O |
| Power (AC) Input / Output | O / X |
| Power Switch | O |
| VGA Input / Output | O x 3 (1 x in Front Panel; 2 x in Rear Side) / O |
| HDMI Input / Output | O x 3 (1 x in Front Panel; 2 x in Rear Side) / X |
| Composite video In | O x 2 (1 x in Front Panel (RCA) ; 1 x in Rear Side (3-in-1 connector)) |
| Composite video Out | O x 1 (1 x in Rear Side (3-in-1 connector) |
| Component In (YPbPr, RCA) | O x 2 (1 x in Rear Side(RCA); 1 x in Rear Side (3-in-1 connector)) |
| S-Video In | O |
| USB Player (Photo, Video) | O x 2 (1 x in Front Panel; 1 x in Rear Side) |
| USB port (PC) | O x 1 (1 X in Front Panel) |
| RS232 Input | O |
| FW Update | USB |
| OS supported (plug and play) | Window XP, Window Vista, Win 7, Win 8, Mac OS X 10.6~10.9, Linux,Chrome OS |
| Accessories (Standard) | Remote Control, Power Cord, VGA cable, Audio Cable, Touch Pen, Touch Cable, Quick Start Guide |
| UPC / Part # | 8400460-3050-6 / 9H.F0STP.NE2 |
| Warranty | 3 Years On-Site |

## Features

Image Setting, Picture Mode, Blank, Freeze, Source / Volume Contol, VGA Daisy Chain, Sharpness Enhancement, Diming Control (DCR), HDMI-HDCP, De-Interlacing / Comb Filter, 10-Bit color processing, Scheduling, Ambient Light Sensor

RP700+ 03-27-14-BQus

Touch | Speaker | 50,000 hrs | Handle Design | Eye-Protect Sensor

# Touchboards

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