

# INTERACTIVE | T650

## FLAT PANEL



### Highlights

Interactive displays have become one of the most powerful office tools today, replacing traditional meetings and trainings with a new style of business communication that's proven to enhance meeting efficiency, training effectiveness, collaborative discussion, and team building. A winning solution for your business, the BenQ Interactive Flat Panel T650 combines the power of optical touch panel and multimedia connectivity to maximize your presentations. Designed with safety and flexibility in mind, the T650 is easy and simple to install in any office setting using a VESA wall mount.

### Optical Sensing Touch Technology

Built with the Optical Sensing Touch technology, the T650 allows you to control your computer directly by touching the screen. It's faster, easier and far more precise when all you need to do is point and touch with the tip of your finger. Connect your computer to the T650 with a USB cable to get started!

### Optical Dual Touch Technology

Pair the T650 with Windows® 8 / Windows® 7 and watch the Optical Dual Touch Technology works its magic turning the displayed image or spreadsheet figure into a multi-touch screen. Trainer or speaker can invite two audiences to come up to the board for a quick contest and trial.

### Ambient Light Sensor

The T650 is built with an ambient light sensor to detect the amount of ambient lighting in its surrounding and adjust the display setting accordingly without user intervention. This means the audience can always enjoy optimal picture quality in office.

### Integrated Speaker

To help professional elites gain the competitive edge by enriching their meeting with multimedia resources, BenQ has built 12W speakers into the T650. The use of videos, music and sound effects make every presentation more engaging and effective.



| Specifications                           |   |
|--|---|
| LCD Size                                 | 65"   |
| Light Source                             | CCFL  |
| Resolution                               | FHD 1920 x 1080   |
| Aspect Ratio                             | 16:9  |
| Brightness (typ)                         | 440 nits  |
| Contrast Ratio (typ)                     | 5000:1  |
| Response Time (ms)                       | 8ms   |
| Frame Rate                               | 60Hz  |
| Viewing Angle (L/R: U/D)                 | 178/178   |
| Color gamut (x% NTSC)                    | 72%   |
| Panel Bit                                | 8 bit + FRC   |
| Weight (lb) without packing/with packing | 156.53 / 189.6 lb   |
| Dimension (WxHxD inch)                   | 60" x 35" x 5.7"  |
| Housing Material                         | Metal (NCT)   |
| Wall Mounting (inch)                     | 8 Holes (15.74" x 15.74")   |
| Power                                    |   |
| Voltage                                  | 100 V - 240V, 50 Hz / 60 Hz (built-in)  |
| Maximum (Watt)                           | <550W   |
| Standby (Watt)                           | <0.5W   |
| Touch                                    |   |
| Technology                               | Dual Touch - Windows 7 & Windows 8.<br>Single Touch - Windows XP, Windows Vista & MAC |
| Resolution (Points area function)        | 32767 x 32767   |
| Capacity                                 | 2 simultaneous touches  |
| Touch Output                             | USB 2.0   |
| PC                                       | Support Windows XP, Windows Vista, Win 8 / Win 7                                      |
| Accuracy                                 | +/- 6mm over 95% of touchable area  |
| Audio                                    |   |
| Audio W (Amp)                            | 12W x 2   |
| IO                                       |   |
| Line in                                  | Yes   |
| Power (AC) Input / Output                | Yes   |
| Audio Output (L/R, RCA)                  | Yes   |
| External Speaker Out (L/R)               | Yes   |
| Audio Input (L/R)                        | Yes (x2)  |
| HDMI In                                  | Yes   |
| DVI Input                                | Yes   |
| VGA In \ Out                             | Yes   |
| USB (Touch to External PC)               | Yes   |
| RS232 Input \ Output                     | Yes   |
| Component In (YPbPr, RCA)                | Yes   |
| S-Video In                               | Yes   |
| Composite Video In \ Out (BNC)           | Yes   |
| Features                                 |   |
| Sharpness Enhancement                    | Yes   |
| Proof of Image Retention                 | Yes   |
| DCR                                      | 9000:1  |
| Picture in Picture (PIP)                 | Yes   |
| De-Interlacing / Comb Filter             | Yes   |
| Color Processing                         | 10 Bit  |
| Build-In Video Wall Support              | Yes   |
| Scheduling                               | Yes   |
| Ambient Light Sensor                     | Yes   |
| Total Turn-on Time                       | Yes   |
| Diagnostic DC Voltage                    | 12v / 5v  |
| Internal Temperature Sensor              | Yes   |
| Limited Warranty                         | 3 Years Parts & Labor   |
| UPC Code                                 | 8400460-2418-5  |

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