INTERACTIVE TL550













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 TL550 combines the power of optical touch panel and multimedia connectivity to maximize your presentations. Designed with safety and flexibility in mind, the TL550 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 TL550 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 TL550 with a USB cable to get started!



Optical Dual Touch Technology

Pair the TL550 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 TL550 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 TL550. The use of videos, music and sound effects make every presentation more engaging and effective.



LCD Size	Specifications	
LED	LCD Size	55"
Resolution	Light Source	
Aspect Ratio 16:9 Brightness (typ) 350 nits 3		FHD 1920 x 1080
Brightness (typ)	Aspect Ratio	16:9
Contrast Ratio (typ)		350 nits
Response Time (ms)		4000:1
Frame Rate		6.5 ms
Viewing Angle (L/R: U/D)	. ,	120Hz
Color gamut (x% NTSC) 72% Panel Bit 10 bit Weight (lb) without packing/with packing 93.48 / 106.7lb Dimension (WxHxD inch) 50" x 30" x 3.4" Housing Material Metal (NCT) Wall Mounting (inch) 4 Holes (7.87" x 15.74") Power Voltage 100 V - 240V, 50 Hz / 60 Hz (built-in) Maximum (Watt) <185W Standby (Watt) <0.5W Touch Technology Dual Touch - Windows 7 & Windows 8. Single Touch - Windows XP, Windows Vista & MA Resolution (Points area function) 32767 x 32767 Capacity 2 simultaneous touches Touch Output USB 2.0 Accuracy +/-5.75mm over 95% of touchable area 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 LIDMI In Yes DVI Input (L/R) Yes (x2) HDMI In Yes DVI Input (Voltput Yes USB (Touch to External PC) Yes S-Video In Out (BNC) Yes S-Video In Composite Video In Out (BNC) Yes D-Inerlacing / Comb Filter Yes De-Interlacing / Comb Filter Yes De-Interlacing / Comb Filter Yes Color Processing 10 Bit Build-In Video Wall Support Yes Diagnostic DC Voltage 12v / 5v Interlat Turn-on Time Yes Diagnostic DC Voltage 12v / 5v Interlat Turn-on Time Yes Limited Warranty 3 Years Parts & Labor	Viewing Angle (L/R: U/D)	178/178
Panel Bit 10 bit Weight (Ib) without packing/with packing 50" x 30" x 3.4" Housing Material Metal (NCT) Wall Mounting (inch) 4 Holes (7.87" x 15.74") Power Voltage 100 V - 240V, 50 Hz / 60 Hz (built-in) Amximum (Watt) <185W Standby (Watt) <0.5W Touch T		72%
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Dimension (WxHxD inch)	Weight (lb) without packing/with packing	93.48 / 106.7lb
Housing Material Metal (NCT)		
Wall Mounting (inch) Power Voltage 100 V - 240V, 50 Hz / 60 Hz (built-in) Maximum (Watt) Standby (Watt) Touch Technology Dual Touch - Windows 7 & Windows 8. Single Touch - Windows XP, Windows Vista & MA Resolution (Points area function) Capacity Capacity		
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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 10000:1 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 Diagnostic DC Voltage 12v / 5v Internal Temperature Sensor Yes Limited Warranty 3 Years Parts & Labor	Line in Power (AC) Input / Output Audio Output (L/R, RCA)	Yes Yes Yes
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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 10000:1 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 Diagnostic DC Voltage 12v / 5v Internal Temperature Sensor Yes Limited Warranty 3 Years Parts & Labor	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input	Yes
Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR 10000:1 Picture in Picture (PIP) Pe-Interlacing / Comb Filter Color Processing 10 Bit Build-In Video Wall Support Scheduling Ambient Light Sensor Total Turn-on Time Diagnostic DC Voltage Limited Warranty Yes Yes Yes Yes Limited Warranty Yes Yes Yes Yes Limited Warranty Yes Yes Yes Yes Yes Yes Yes Ye	IO Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out	Yes
S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR 10000:1 Picture in Picture (PIP) Pes De-Interlacing / Comb Filter Color Processing 10 Bit Build-In Video Wall Support Scheduling Ambient Light Sensor Total Turn-on Time Diagnostic DC Voltage Limited Warranty Yes Yes Yes Limited Warranty Yes Yes Yes Yes Yes Yes Yes Sara Parts & Labor	IO Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC)	Yes
Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR 10000:1 Picture in Picture (PIP) Pes De-Interlacing / Comb Filter Color Processing 10 Bit Build-In Video Wall Support Scheduling Ambient Light Sensor Total Turn-on Time Diagnostic DC Voltage Limited Warranty Yes Limited Warranty Yes Yes Yes Yes Yes Yes Yes Yes	IO Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output	Yes
Features Sharpness Enhancement Proof of Image Retention Picture in Picture (PIP) De-Interlacing / Comb Filter Color Processing Build-In Video Wall Support Scheduling Ambient Light Sensor Total Turn-on Time Diagnostic DC Voltage Limited Warranty Sharpness Financement Yes 10000:1 Yes	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA)	Yes
Sharpness Enhancement Proof of Image Retention DCR 10000:1 Picture in Picture (PIP) De-Interlacing / Comb Filter Color Processing 10 Bit Build-In Video Wall Support Scheduling Yes Ambient Light Sensor Total Turn-on Time Diagnostic DC Voltage Internal Temperature Sensor Limited Warranty Yes Yes Yes 10 Bit 10 Bit	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In	Yes
Proof of Image Retention DCR 10000:1 Picture in Picture (PIP) De-Interlacing / Comb Filter Color Processing 10 Bit Build-In Video Wall Support Scheduling Yes Ambient Light Sensor Total Turn-on Time Diagnostic DC Voltage Limited Warranty Yes 10 Bit Yes Yes 10 Bit 10	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC)	Yes
DCR Picture in Picture (PIP) Yes De-Interlacing / Comb Filter Color Processing 10 Bit Build-In Video Wall Support Scheduling Yes Ambient Light Sensor Total Turn-on Time Diagnostic DC Voltage Limited Warranty 10000:1 Yes Yes 10000:1 Ye	IO Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features	Yes
Picture in Picture (PIP) De-Interlacing / Comb Filter Color Processing 10 Bit Build-In Video Wall Support Scheduling Ambient Light Sensor Total Turn-on Time Diagnostic DC Voltage Internal Temperature Sensor Limited Warranty Yes Yes 12v / 5v Internal Temperature Sensor Limited Warranty Yes 12v / 5v Scheduling Yes Yes Scheduling Yes Scheduling Yes Yes Yes Scheduling Yes	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement	Yes
De-Interlacing / Comb Filter Color Processing Build-In Video Wall Support Yes Scheduling Ambient Light Sensor Total Turn-on Time Diagnostic DC Voltage Internal Temperature Sensor Limited Warranty Yes 10 Bit Yes Yes Yes 12 V / 5V Yes 12 V / 5V Yes Limited Warranty 3 Years Parts & Labor	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention	Yes
Color Processing Build-In Video Wall Support Scheduling Yes Ambient Light Sensor Total Turn-on Time Diagnostic DC Voltage Internal Temperature Sensor Limited Warranty 10 Bit Yes Yes 12 Ves 12 Ves 12 Ves 12 Ves 13 Years Parts & Labor	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR	Yes
Build-In Video Wall Support Scheduling Yes Ambient Light Sensor Yes Total Turn-on Time Ves Diagnostic DC Voltage Internal Temperature Sensor Limited Warranty Yes 3 Years Parts & Labor	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR Picture in Picture (PIP)	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	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR Picture in Picture (PIP) De-Interlacing / Comb Filter	Yes
Ambient Light Sensor Total Turn-on Time Ves Diagnostic DC Voltage Internal Temperature Sensor Limited Warranty Yes 12v / 5v Yes Limited Warranty 3 Years Parts & Labor	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR Picture in Picture (PIP) De-Interlacing / Comb Filter Color Processing	Yes
Total Turn-on Time Yes Diagnostic DC Voltage 12v / 5v Internal Temperature Sensor Yes Limited Warranty 3 Years Parts & Labor	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR Picture in Picture (PIP) De-Interlacing / Comb Filter Color Processing Build-In Video Wall Support	Yes
Diagnostic DC Voltage 12v / 5v Internal Temperature Sensor Yes Limited Warranty 3 Years Parts & Labor	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR Picture in Picture (PIP) De-Interlacing / Comb Filter Color Processing Build-In Video Wall Support Scheduling	Yes
Internal Temperature Sensor Yes Limited Warranty 3 Years Parts & Labor	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR Picture in Picture (PIP) De-Interlacing / Comb Filter Color Processing Build-In Video Wall Support Scheduling Ambient Light Sensor	Yes
Limited Warranty 3 Years Parts & Labor	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR Picture in Picture (PIP) De-Interlacing / Comb Filter Color Processing Build-In Video Wall Support Scheduling Ambient Light Sensor Total Turn-on Time	Yes
	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR Picture in Picture (PIP) De-Interlacing / Comb Filter Color Processing Build-In Video Wall Support Scheduling Ambient Light Sensor Total Turn-on Time Diagnostic DC Voltage	Yes
TUPC Code 8400460-2601-1	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR Picture in Picture (PIP) De-Interlacing / Comb Filter Color Processing Build-In Video Wall Support Scheduling Ambient Light Sensor Total Turn-on Time Diagnostic DC Voltage Internal Temperature Sensor	Yes
TL550 02-13-13-E	Line in Power (AC) Input / Output Audio Output (L/R, RCA) External Speaker Out (L/R) Audio Input (L/R) HDMI In DVI Input VGA In \ Out USB (Touch to External PC) RS232 Input \ Output Component In (YPbPr, RCA) S-Video In Composite Video In \ Out (BNC) Features Sharpness Enhancement Proof of Image Retention DCR Picture in Picture (PIP) De-Interlacing / Comb Filter Color Processing Build-In Video Wall Support Scheduling Ambient Light Sensor Total Turn-on Time Diagnostic DC Voltage Internal Temperature Sensor Limited Warranty	Yes

TL550 02-13-13-BQca



