

BenQ

LH650

BenQ DLP Projector

Feature Highlight

- **4000ANSI Lumens Laser New Light Source**
- **Latest Connections for Type C Devices**
- **Auto Vertical Keystone & Corner Fit**
- **Future Ready for HDMI 2.0**
- **Wireless Projection Ready**



Display

Projection System	DLP Single
DMD type	0.65" 1080P
Native Resolution	1920 x 1080 pixels(1080P)
Brightness	4000 ANSI Lumens
Contrast Ratio*	10,000 : 1
Display Color	30 Bits/1.07 Billion Colors
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)
Light Source	Laser
Light Source life*	Normal 20,000 hr/ECO 30,000 hr/SmartEco 30,000 hr

Optical

Throw Ratio	1.15 ~ 1.5 (100" ±3% @ 2.54m)
Zoom Ratio	1.3
Keystone Correction	1D, Vertical & Horizontal +/- 30 degrees
Projection Offset	110% ± 2.5%
Projection Size	60"~150"

Audio

Built-in Speaker	10W*1
------------------	-------

Special Feature

Security	Security Bar, Kensington lock
Feature	Type C, Optional WiFi Display, Corner Fit, FW upgrade via USB, 24/7 operation

Compatibility

Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K~102KHz
Vertical Scan Rate	23 ~ 120 Hz
HDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p

Power

Power Consumptions (Max/Normal/Eco)	(TBD)Max W, Normal W, Eco W
Standby Power consumption	Normal < 0.5Watts.
Power Supply	100 ~ 240V AC

Dimension and Weight

Product Dimensions (WxHxD)	(TBD)304.15 (W) x 224.66 (L)x 112.4 (H) mm
Product Weight	(TBD)3.5 Kg +/- 200g

Operation Condition

Noise Level(Normal/Eco)	34 /29 dBA
Operating Temperature*	0 ~ 40°C

Accessories

Accessories (Standard)	QSG(4J.JS501.001) Remote Control (5J.JND06.001) AAA Batteryx2 VGA cable (1.5m) Power Cord (1.8m) Warranty card (by Region)
Accessories (Optional)	Ceiling mount(5J.JAM10.001) Dongle(5J.JPT28.001)

OSD

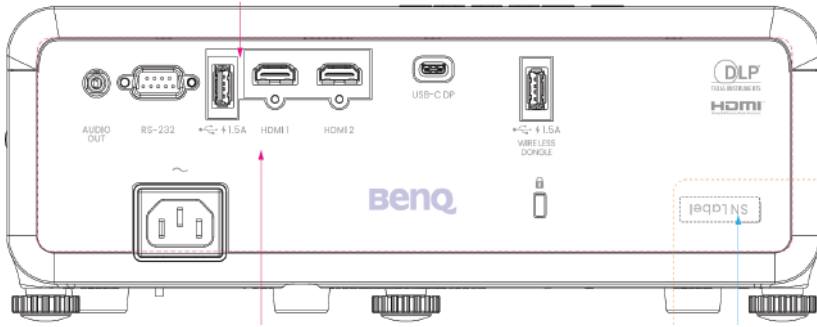
On Screen Display Language	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese/ Farsi/ Vietnamese/ (30 Languages)
----------------------------	--

Environment Notice

* The Contrast is measure by Full On Full Off standard.

* LightSource life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

Connectivity

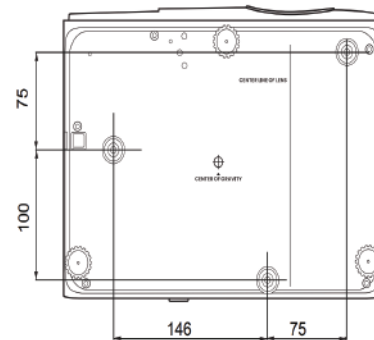
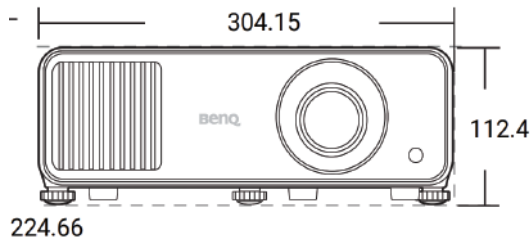


Connectivity

Connectivity	Quantity
HDMI-1 (HDMI 2.0 (HDCP 1.4/2.2))	x 1
HDMI-2 (HDMI 2.0 (HDCP 1.4/2.2))	x 1
USB-1 TypeA (1.5A power/FW upgrade)	x 1
USB-1 TypeA (1.5A power/WiFi Dongle)	x 1
RS232 In (D-sub 9pin, male)	x 1
Audio out (mini jack)	x 1
Type C (DP)	x 1
IR Receiver (Front+Top)	x 2
Kensington anti-theft lock slot	x 1
Security Bar	x 1

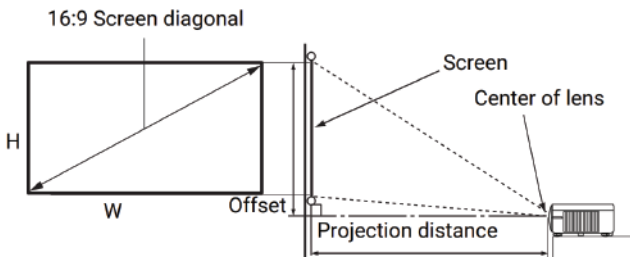
Dimension

304.15mm (W) x 224.66mm (H) x 112.4mm (D)



Installation

The screen aspect ratio is 16:9 and the projected picture is in 16:9 aspect ratio



Diagonal		Screen size		Projection distance (mm)			Offset (mm)
Inch	mm	W (mm)	H (mm)	Min distance (with max zoom)	Average	Max distance (with min zoom)	
30	762	664	374	764	880	996	21
40	1016	896	498	1018	1173	1328	27
50	1270	1107	623	1273	1467	1660	34
60	1524	1328	747	1528	1760	1992	41
70	1778	1550	872	1782	2053	2324	48
80	2032	1771	996	2037	2347	2657	55
90	2286	1992	1121	2291	2640	2989	62
100	2540	2214	1245	2546	2933	3321	68
110	2794	2435	1370	2800	3227	3653	75
120	3048	2657	1494	3055	3520	3985	82
130	3302	2878	1619	3310	3813	4317	89
140	3556	3099	1743	3564	4107	4649	96
150	3810	3321	1868	3819	4400	4981	103
160	4064	3542	1992	4073	4693	5313	110
170	4318	3763	2117	4328	4987	5645	116
180	4572	3985	2241	4583	5280	5977	123
190	4826	4206	2366	4837	5573	6309	130
200	5080	4428	2491	5092	5867	6641	137
210	5334	4649	2615	5346	6160	6973	144
220	5588	4870	2740	5601	6453	7306	151
230	5842	5092	2864	5856	6747	7638	158
240	6096	5313	2989	6110	7040	7970	164
250	6350	5535	3113	6365	7333	8302	171
260	6604	5756	3238	6619	7627	8634	178
270	6858	5977	3362	6874	7920	8966	185
280	7112	6199	3487	7128	8213	9298	192
290	7366	6420	3611	7383	8507	9630	199
300	7620	6641	3736	7638	8800	9962	205

*To optimize your projection quality, we suggest to do the projection within non-gray area.



BenQ Intelligent Technology (Hong Kong) Company Limited

Unit A-2, 10/F, Tin On Industrial Building, 777-779 Cheung Sha Wan Road,
Lai Chi Kok, Kowloon, Hong Kong
Tel : +852-2330-6760
Fax : +852-2330-6353

©2022 BenQ Corp. Specification may vary by region, please visit your local stores for details. Actual product's features and specifications are subject to change without notice.



Because it matters

Dealer's Stamp