

X3100i

BenQ Console Gaming Projector



Features

- 3300lm LED High Brightness
- 100% DCI-P3 Wide Color Gamut
- True 4K HDR Games
- Designed for game - Immersive Audio-Visual Game modes
- 2x 5W Stereo Speakers with CinematicSound Technology
- 20% Vertical Lens-shift
- Google Certificated Android TV with Built-in Netflix



Powered by
androidtv

Product Specifications

Projection System	DLP
DMD type	0.65"
Native Resolution	True 4K (3840 x 2160)
Brightness	3300 ANSI Lumens
Contrast Ratio*	500,000 : 1 (Dynamic Black)
Display Color	30 Bits (1,07 billion colors)
Aspect Ratio	Native 16 : 9 (4 aspect ratio selectable)
Light Source	LED
Light Source Life**	Normal 20,000 hours / ECO 30,000 hours / SmartEco 20,000 hours
Throw Ratio	1.15 - 1.5 (100" @ 2.5 m)
Zoom Ratio	1.3X
Lens	F / # = 1.8~2.25 , f = 17.02~22.21 mm
Lens Shift	-20%
Keystone Adjustment	2D, Auto Vertical & Manual Horizontal ± 30 degree
Projection Offset	110%
Projection Size (Clear Focus / Maximum)	60"-180" / 30"-300"
Picture Mode	Bright / RPG / FPS / SPG / RCG / Cinema / 3D / HDR10 / HDR10 WCG / HDR-RPG / HDR-RPG (WCG) / HDR-FPS / HDR-SPG / HDR-RCG / User
DCI-P3 Coverage	100%
Built-in Speaker	5W x 2 (Chamber Speakers by treVolo)
Security	Security Bar, Kensington lock
Input Lag***	1 frame (4.2ms@240Hz)
Feature	Auto Game Mode, FPS Crosshair, Digital Zoom, SettingXchang, eARC
Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K-135KHz
Vertical Scan Rate	23-240Hz
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 1440p, 2160p
Console Game Compatibility	Playstation 5, Playstation 4 Pro, Playstation 4, Playstation Slim, Xbox Series X S, Xbox One X, Xbox One S, Nintendo Switch
Power Supply	AC 100 ~ 240V (50/60Hz)
Power Consumption	Max 360W / Normal 330W / Eco 160W
Standby Power Consumption	< 0.5W
Product Dimensions (W x H x D)	272 x 197.1 x 259.4 mm (without adjustment feet)
Product Weight	6.8 kg / 15.0 lbs
Noise Level(Normal/ECO)	32/28dBA
Operating Temperature	0~40°C / 0~35°C (with QS02)
Accessories (Standard)	Remote Control with Battery x 1 (by region) BenQ HDMI Video Streaming (QS02) x 1 (5A.JH328.006) Magnetic-adjustment feet x 2 (5J.JN314.001) Power Cord (by region) x 1 (1.8M) Quick Start Guide x 1 (21L) Warranty Card (by region)
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 (28 Languages)

* The Contrast is measured by Full On Full Off standard.
 ** Light life results will vary depending on environmental conditions and usage.
 Actual product's features and specifications are subject to change without notice.
 *** Support 4.2ms@240Hz / 8.33ms@120Hz of 1080p / 16.9ms@60Hz of 4K&2K. In order to minimize response time, we suggest to set digital adjustments (such as Keystone / Overscan...etc) to 0.

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Input and Output Terminals

	I/O Name	Quantity
1	HDMI (2.0b, HDCP2.2)	1
2	HDMI (2.0b, HDCP2.2) - (support Audio Return)	1
3	DC 12V Trigger (3.5 mm Jack)	1
4	USB Type A (Setting X change, FW upgrade)	1
5	Audio output (S/PDIF) - (support 2 / 5.1-channel audio)	1
6	RS232 input (D-sub 9pin, male)	1
7	Audio output (mini jack)	1
8	Kensington anti-theft lock slot	1
9	IR Receiver (Front + Back)	2
10	AC Power Cable inlet	1

	Hidden Space for ATV dongle	
11	HDMI (2.0b, HDCP2.2)	1
11	Micro USB cable (5V / 1.5A power)	1



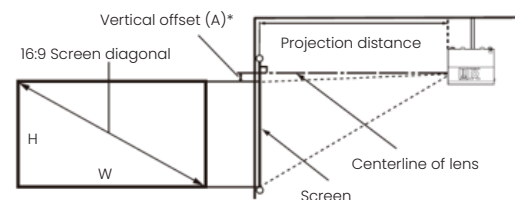
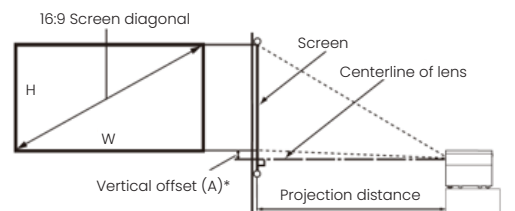
Dimensions



Distance Chart

Use the tables below to help you determine the projection distance.

Screen size				Distance from screen (mm)			*Vertical offset (A)
Diagonal		H	W	Min length	Average	Max length	Lowest/Highest
Inch	mm	(mm)	(mm)	(max zoom)		(min zoom)	lens position (mm)
30	762	374	664	764	880	996	37
40	1016	498	886	1018	1173	1328	50
50	1270	623	1107	1273	1467	1660	62
60	1524	747	1328	1528	1760	1992	75
80	2032	996	1771	2037	2347	2657	100
95	2413	1183	2103	2419	2787	3155	118
100	2540	1245	2214	2546	2933	3321	125
110	2794	1370	2435	2800	3227	3653	137
120	3048	1494	2657	3055	3520	3985	150
130	3302	1619	2878	3310	3813	4317	162
140	3556	1743	3099	3564	4107	4649	175
150	3810	1868	3321	3819	4400	4981	187
160	4064	1992	3542	4073	4693	5313	199
170	4318	2117	3763	4328	4987	5645	212
180	4572	2241	3985	4583	5280	5977	224
190	4826	2366	4206	4837	5573	6309	237
200	5080	2491	4428	5092	5867	6641	249
250	6350	3113	5535	6365	7333	8302	311
300	7620	3736	6641	7638	8800	9962	374



* The vertical offset value is the vertical distance from the bottom edge of the image, (when the projector is placed on a table, first diagram) or top of edge of the image (when the projector is ceiling mounted, second diagram) to the centerline of lens.

Due to the lens optical characteristics, every projector has its vertical offset ratio. The vertical offset value normally gets larger while the projection distance increases.

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