

W2720i

BenQ DLP Projector

Features

- True 4K UHD (3840 x 2160) 8.3M Pixel resolution
- 2500lm Brightness 4LED
- AI PQ for ambient condition
- BenQ CinematicColor™ 90% DCI-P3 Wide Color Gamut
- HDR10/HLG/HDR10+
- HDR Pro™
- Factory Calibrated Report
- 1.3X big zoom lens and Vertical lens shift
- Google certificated android TV dongle with Netflix – QS02



Product Specifications

Product Number / EAN Code	9H.JSX77.57E / 471 8755 09450 7	
Projection System	DLP	
DMD type	0.47"	
Native Resolution	4K UHD (3840 x 2160) Resolution	
Brightness	2500 ANSI Lumens	
Contrast Ratio*	Native 760 : 1, 2,000,000 : 1 (with Dynamic Dimming)	
Display Color	30 Bits (1,07 billion colors)	
Aspect Ratio	Native 16 : 9 (3 aspect ratio selectable)	
Light Source	4LED	
Light Source Life**	20,000 / 30,000 / 20,000hrs (Normal / Eco / Dynamic)	
Throw Ratio	1.0 ~ 1.3 (120" @ 2.65m)	
Zoom Ratio	1.3X	
Lens	F/# 1.8 ~ 1.85 mm, f 10.6 (Wide)~13.7(Tele)	
Keystone Correction	2D, Auto Vertical & Manual Horizontal ± 30 degree	
Projection Offset	100%	
Lens Shift	Vertical ±5%	
Projection Size (Clear Focus / Maximum)	40" ~ 120" / 30" ~ 300"	
Built-in Speaker	5W x2	
Picture Mode***	*** ISF Disabled: Bright / AI Cinema / Cinema / FILMMAKER MODE / 3D / User / HDR AI Cinema / HDR10 / HDR10+ / HLG *** ISF Enabled: Bright / AI Cinema / Cinema / FILMMAKER MODE / ISF Night / ISF Day	
Rec.709 Coverage	98%	
DCI-P3 Coverage (WCG On)	90%	
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, 2160p	
Power Consumption (Max / Normal / Eco)	Max 290W, Normal 260W, Eco 220W	
Standby Power Consumption	0.5W Max. at 100 ~ 240VAC	
Power Supply	VAC 100 ~ 240 (50/60Hz)	
Product Dimensions (W x H x D)	420 x 143 x 305 mm	
Product Weight	6.5 kg	
Noise Level (Normal / Eco)	28/26 dBA	
Operating Temperature	0~40 degrees (Celcius)	
Accessories (Standard)	Remote Control	Color Calibration Report
	- W2720i (RCI074: 5J.JR406.006)	Warranty Card (by region)
	Android TV Dongle QS02 (5A.JH328.01A)	Regulatory Statements
	Power Cord (by region)	Service QR Code Sticker
	User Manual E-edition	Lens cover x 1
Accessories (Optional)	Quick Start Guide	
	Universal Wall Mount (T/R 0.3)	
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 measure 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.
 *** Default picture mode is AI Cinema

Input and Output Terminals

	I/O Name	Quantity
1	DC 12V Trigger	1
2	RS232 Input (D-sub 9pin, male)	1
3	USB (Type Mini B)	1
4	USB Type-A (Media Reader/Scalar Firmware upgrade)	1
5	Audio Output (3.5 mm jack)	1
6	SPDIF audio output (5.1 channel audio pass through)	1
7	HDMI-1 (HDCP2.3)	1
8	HDMI-2 (HDCP2.3) (Audio Return+) (5.1/7.1/Dolby Atmos audio pass through)	1
9	HDMI-3 (HDCP2.3) (FRL: 4k@120Hz input/1080P@120Hz output)	1
10	USB Type-A (2.5A power supply)	1

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



Color Depth

Display format (refresh rate)	Chroma subsampling	8 Bit	10 Bit
4K/60p (60 Hz)	4:0:4:0	V	V
	4:0:2:0	V	V
	4:0:2:0:0	V	V
4K/60p (50 Hz)	4:0:4:0	V	V
	4:0:2:0	V	V
	4:0:2:0:0	V	V
4K/30p (30 Hz)	4:0:4:0	V	V
	4:0:2:0	V	V
	4:0:2:0:0	V	V
4K/24p (24 Hz)	4:0:4:0	V	V
	4:0:2:0	V	V
	4:0:2:0:0	V	V

Dimensions

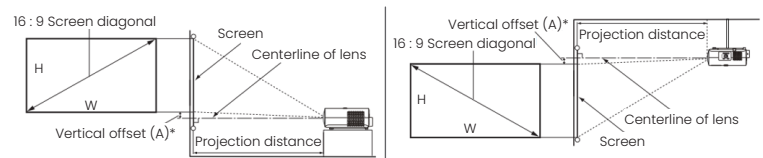


Distance Chart

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

Screen size				Distance from screen (mm)			*Vertical offset (A) (Lowest/Highest lens position) (mm)
Diagonal	H	W		Min. length (max. zoom)	Average	Max. length (min. zoom)	
Inch	mm	(mm)	(mm)				
30	762	374	664	750	863	976	0 - 37
40	1016	498	886	1001	1151	1302	0 - 50
50	1270	623	1107	1251	1439	1627	0 - 62
60	1524	747	1328	1501	1727	1953	0 - 75
80	1778	872	1550	1751	2015	2278	0 - 87
95	2032	996	1771	2001	2302	2603	0 - 100
100	2286	1121	1992	2251	2590	2929	0 - 112
110	2540	1245	2214	2502	2878	3254	0 - 125
120	2794	1370	2435	2752	3166	3580	0 - 137
130	3048	1494	2657	3002	3454	3905	0 - 150
140	3302	1619	2878	3252	3741	4231	0 - 162
150	3556	1743	3099	3502	4029	4556	0 - 175
160	3810	1868	3321	3752	4317	4881	0 - 187
170	4064	1992	3542	4003	4605	5207	0 - 199
180	4318	2117	3763	4253	4893	5532	0 - 212
190	4572	2241	3985	4503	5180	5858	0 - 224
200	4826	2366	4206	4753	5468	6183	0 - 237

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



- *The vertical offset value is the vertical distance from the bottom edge of the image (when the projector is placed on a table, diagram on the left), or top edge of the image (when the projector is ceiling mounted, diagram on the right) 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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