



BenQ DLP Projector

GV50

Feature Highlight

- * 1080P HDR with Blue Laser light source 500 ANSI
- * 18W 2.1 channel speaker with bass enhanced passive radiator
- * BT speaker mode & Ceiling Cinema sound mode
- * Round Shape ID with 135° vertical + 360° horizontal projection & 10° ceiling side projection stand
- * Auto focus/ Auto 2D keystone/ Auto screen Fit/ Auto obstacle avoidance/ Easy triggered Digital Zoom & Panning
- * 2.5 up hours battery life with Google TV & official Netflix
- * USB-C DP alt mode / PD input 20V~2.25A to 3.25A; output 5V-2A, 9V-2A, 12V-1.5A,
- * 15V-1.2A (Provide NS a playing screen and charging in the same time) / Media Reading
- * Sleep timer quick accessing & Night shift Picture mode for sleep-add



Display	
Projection System	DLP
DMD type	0.23"
Native Resolution	1920 × 1080 pixels
Brightness	500 ANSI Lumens
Contrast Ratio*	100,000:1 (Native fofo 500:1 typ.)
Display Color	24 Bits (16.7 million colors)
Aspect Ratio	16:9
Light Source	Blue Laser
Light Source life*	30, 000(Eco), 20,000(Normal)
Optical	
Throw Ratio	1.2
Zoom Ratio	Fixed
Keystone Correction	2D, (Auto) Vertical ± 20 degrees, Horizontal ±30 degrees, Rotation ± 30 degrees(distance to the wall by projection direction: within 2M); 2D, (Manual) Vertical & Horizontal & Rotation ± 40
Projection Offset	100%
Projection Size (Clear Focus / Maximum)	30"~120"
SoC	
IC	MT9630
OS	Google TV
RAM	2GB
Flash	16GB
Internet	
WLAN	Wi-Fi 5.0: 802.11a/b/g/n/ac (2.4GHz/5GHz)
Antenna	Yes
Audio	
Built-in Speaker	18W(4/4/10) 2.1 channel speaker with bass enhanced passive radiator & BT speaker mode/ Ceiling Cinema sound mode
Special Feature	
Feature	Same as feature highlight
Compatibility	
Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Power	
Power Consumption (Max/Normal/Eco/ Network Standby/ Standby/ Power off)	90W/ 85W/ 60W/ 2W/ 0.5W/ 0.3W
Power Supply	AC100 to 240V, 50/60Hz, 90W, 19V, 4.74A
Battery	Battery type: lithium-ion 18650 Total Capacity: 3.6V/18000mAh (min18500) Cell: 3.6V/ 3000mAh (min2900) Pack: 10.8V/ 5800 mAh (min5500)
Dimension and Weight	
Product Dimensions (WxHxD)	Without Base : 107.0 (W) x193.3 (H) x191.4 (D) mm (4.21 x 7.54 x 7.61 in) With Base : 130.0 (W) x211.2 (H) x191.4 (D) mm (5.12 x 8.31 x 7.54 in)
Product Weight	Without Base : 1.8 kg/ 4.0lb With Base : 2.1kg/ 4.6lb
Operation Condition	
Normal/ Eco	28dBA/ 28dBA
Operating Temperature	0 ~ 40°C
Accessories	
Accessories (Standard)	Power Adaptor Power Cord (depends on SKU) Remote Control (RC1078) Quick Start Guide Warranty Card (by region) Service QR code Sticker AA battery N/A
Accessories (Optional)	N/A
OSD	
On Screen Display Language	English-英文/ Deutsch-德文/ Français-法文/ 繁体中文/ 日本語/ ﺍﺭﺍﺑﯩﻴﻪ/ 한국어-韩文/ ไทย-泰文/ Indonesian印度尼西亚/ Türkiye土耳其文/ Tiếng Việt 越南文/ 其他 Languages)
Environment Notice	
*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.	
* The Contrast is measure by Full On Full Off standard.	



Connectivity

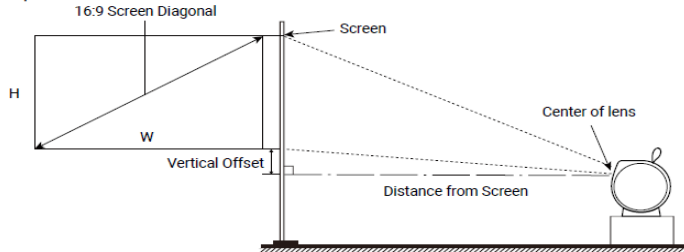
No	I/O Name	Quantity
1	Audio out	x1
2	DC in	x1
3	USB-A 2.0	x1: (5V/1A, Media Reading/ Advanced FW upgrade(MCU))
4	USB-C x1	x1: DP alt mode / PD input 20V-2.25A to 5A; output: 5V-2A, 9V-2A, 12V-1.5A, 15V-1.2A/ Media Reading
5	HDMI 2.0b	External x1: Type A female



Installation

Projection dimensions

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



Screen size		W (mm)	H (mm)	Distance from screen (mm)
Inch	mm			
30	762	664	374	797
40	1016	886	498	1063
50	1270	1107	623	1328
60	1524	1328	747	1594
70	1778	1550	872	1860
80	2032	1771	996	2125
90	2286	1992	1121	2391
100	2540	2214	1245	2657
110	2794	2435	1370	2922
120	3048	2657	1494	3188

For example, if you are using a 120-inch screen, the recommended projection distance is 3188 mm.
If your measured projection distance is 2657 mm, the projected screen size is 100-inch.

Feature icons

