

Main Specifications

Resolution	1080p (1920x1080)
Brightness (ANSI lumens)	3000 ANSI lumens
Contrast Ratio (FOFO)*	500,000:1 (Dynamic Black)
Speaker	5W x 2 (Chamber Speakers by treVolo)

All Specifications

Display

Projection System	DLP
Resolution	1080p (1920x1080)
Resolution Support	VGA(640 x 480) to 4K UHD (3840 x 2160)
Brightness (ANSI lumens)	3000 ANSI lumens
Contrast Ratio (FOFO)*	500,000:1 (Dynamic Black)
Display Color	30 Bits (1.07 billion colors)
Native 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

Optical

Throw Ratio	1.3~1.56 100" @ 2.87m (100" @ 9.4ft)
Zoom Ratio	1.2x
Lens	F / # = 1.6 ~ 1.75, f = 19.16 ~ 23.02 mm

Keystone Adjustment	2D, Auto Vertical & Manual Horizontal \pm 30 degree
Projection Offset	91.7%
Clear Image Size (Diagonal)	60"~150"
Image Size	30"~300"
Horizontal Frequency	15K~135KHz
Vertical Scan Rate	23~120Hz

Picture

Picture Mode	Bright / Living Room / Game / Sports / Cinema / (3D) / (HDR10) / (HDR Game) / (HLG) / User
Game Mode	RPG Game/ SPG Game/ FPS Game
Rec.709 Coverage	98%

Audio

Speaker	5W x 2 (Chamber Speakers by treVolo)
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Interface

HDMI	X1 HDMI2.0b, HDCP2.2 X1 HDMI2.0b, HDCP2.2 (support Audio Return)
USB Type A	X1 (5V/2.5A Power, Service)
Audio out (3.5mm Mini Jack)	X1
RS232 (DB-9pin)	X1
IR Receiver	X2 (Front / Back)
Security Bar	Yes (Security Bar, Kensington Lock)
Hidden space for Android TV dongle	X1 HDMI 2.0b (HDCP2.2) X1 micro USB cable (5V/1.5A power)

Special Feature

HDR	Yes (HDR10, HLG)
Input Lag (Under Fast Mode)	1 frame (8.33ms) 120Hz***
GameMaestro	Yes
LumiExpert	Yes

Compatibility

HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160p
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Power

Power Supply	AC 100 ~ 240V (50/60Hz)
Typical Power Consumption	Max 360W, Normal 330W, Eco 160W
Standby Power Consumption	< 0.5W
Acoustic Noise (Typ./Eco.)	31/27 dBA
Operating Temperature	0~40°C (Celcius)

Dimension and Weight

Dimensions (W x H x D)(mm)	272 x 197 x 259mm / 10.7 x 7.8 x 10.2 inch (w/o Adjustment Feet)
Net Weight (Kg/ lbs)	6.4 kg (14.1 lbs)

Accessories (Standard)

Android TV dongle	Yes (QS01)
Bluetooth Remote Control w/ Battery	X1 RCI068 (5J.JKC06.001)
Power Cord (by region)	X1 (1.8m)
Quick Start Guide	Yes (21L)

Warranty Card (by region)

Yes

Accessories (Optional)

3D Glasses

Optional

Optional Magnetic-Adjustment Feet

Optional

OSD

OSD 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)

*This model is designed for general home entertainment and business use. To extend the lifespan of your BenQ projector, it is recommended to power off the projector for 2-3 minutes after 12 hours of continuous use.

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

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

***In order to minimize response time, we suggest to set digital adjustments (such as Keystone...etc) to 0.