All Specifications

Projection System

Projection System
DLP
DMD size
0.65" ECD

Marketing

Product Features
4LED, 100% DCI-P3, Low input lag, Game mode, HDR compatible, treVolo speaker, 2D keystone, 1.3x Zoom, ATV dongle

Display

Brightness (ANSI lumens)
3000
Native Resolution
4K UHD (3840×2160)
Native Aspect Ratio
16:9
Contrast Ratio (FOFO)
(w/ Lightsource Dimming),500,000:1
Display Color
30-bit (1.07 billion colors)
Light Source
4LED
Light Source Life
a. Normal 20000 hrs,b. ECO 30000 hrs,c. SmartEco 20000 hrs

Optical

Throw Ratio
1.15 ~ 1.50
Zoom Ratio
1.3x
Lens
F/# = 1.8 - 2.25 mm, f = 17.02 - 22.21 mm
Projection Offset (Full-Height)
110%
Keystone Adjustment
2D, (Auto) Vertical ± 30 degrees; Horizontal ± 30 degrees

Compatibility

Input Lag
(Fast Mode),16 ms (4K@60Hz),4 ms (1080p@240Hz),8 ms (1080p@120Hz)
Resolution Support
VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency

15K~135KHz
Vertical Scan Rate
23~240Hz

I/O Interface

HDMI in
(x3),HDMI-1 (2.0b/HDCP2.2),HDMI-2 (2.0b/HDCP2.2),HDMI-Internal (2.0b/HDCP2.2)
USB Type A
(x1),USB Type A-1 (2.0/Power Supply2.5A/Service)
RS232 in (DB-9pin)
(x1)
DC 12V Trigger (3.5mm Jack)
(x1)

Audio

Speaker
(x2),5W Chamber
Audio out (3.5mm Mini Jack)
(x1)
HDMI Audio Return
Yes, eARC, Dolby Atmos
Audio out (S/PDIF)
Multi-Channel, RAW

Environment

Power Supply
AC 100 to 240 V, 50/60 Hz
Typical Power Consumption (110V)
330W
Stand-by Power Consumption
<0.5W
Acoustic Noise (Typ./Eco.)(dB)
32/28 dBA
Operating Temperature
0~40℃

Accessories

Android TV dongle
(Standard),QS01
Remote Control w/ Battery
RC1068
Power Cord (by region)
x1 (1.8M)
User Manual CD
1 (27L)
3D Glasses
(Optional),DGD5

Quick Start Guide
(x1) 21L
Warranty Card (by region)
Yes
Lens cover
Yes

Smart System

Built-in OS
Yes, Android 9.0
Bluetooth
Yes, Bluetooth 4.2
Wi-Fi Standard
802.11 a/b/g/n/ac (2.4G/5G)
Wireless Projection
Google Cast

Dimension & Weight

Dimensions (WxHxD) (mm)
272 x 197 x 259mm (w/o Adjustment Feet)
Net Weight (kg)
6.4 kg
Dimensions (WxHXD) (inch)
10.7 x 7.8 x 10.2 inch (w/o Adjustment Feet)
Net Weight (lb)
14.1lbs

*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.