

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)

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

Audio out (S/PDIF)

X1 (Support 2 / 5.1-channel audio)

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

Environment

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 (Celsius)

Dimension and Weight

Dimensions (W x H x D) (mm/inch)

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

XI RCI068 (5J.JKC06.001)

Power Cord (by region)

XI (1.8m)

Quick Start Guide

Yes (21L)

Warranty Card (by region)

Yes

Accessories (Optional)

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.