

acer



LARGER, BRIGHT, 4K CINEMATIC EXPERIENCE



Acer H6830BD

4K UHD (3,840 x 2,160) resolution

3,800 ANSI lumens

1080p 240Hz

Football Mode



Brightness



Lamp life



Football Mode



Product Specifications

Model name	H6830BD
Display panel	0.47" UHD DMD
Resolution	4K UHD (3,840 x 2,160) resolution with TI XPR, 8.3 megapixel on screen
Brightness	3,800ANSI Lumens (Standard), 3,040 ANSI Lumens (ECO), (Compliant with ISO 21118 standard)
Aspect ratio	16:9 (Native), 4:3 (Supported)
Throw ratio	1.127~1.46 (100"@2.5m)
Zoom ratio	1.3X
Contrast ratio	10,000:1
Lamp life	5,000 Hours (Standard), 10,000 Hours (ECO), 20,000 Hours (EcoPro)
Projection lens	F=1.94~2.12 F=11.9~15.5mm Manual Zoom & Focus
Keystone	'+/-40° (Vertical, Manual, Auto), +/-40° (Horizontal, Manual), 4-Corner adjustment
Noise level	30 dB(A) (ECO mode)
Audio	10W x 1
Input interface	HDMI 2.0b (Video, Audio, HDCP) x 1 HDMI 2.0b (Video, Audio, HDCP, audio return) x 1
Output interface	Audio Out x 1 SPDIF Audio (Optical) x 1 DC Out (5V/1.5A, USB Type A) x 1
Control interface	RS232 (D-sub) x 1
Dimension	322 x 225 x 93.8 mm (12.7" x 8.9" x 3.6")
Weight	2.88 Kg (6.35 lbs)

Feature Highlights

Expressive display

- 4K UHD (3,840 x 2,160) resolution
- 3,800 ANSI lumens brightness
- HDR 10 Compatible
- ColorBoost II+
- Acer ColorSafe II
- Acer BlueLight Shield
- ISFccc professional calibration
- Blu-Ray 3D support¹

Enhanced usability

- 1080p 240Hz
- Football Mode
- Low input lag
- Wireless Projection (optional)
- 10W built-in speaker
- Audio Return Port

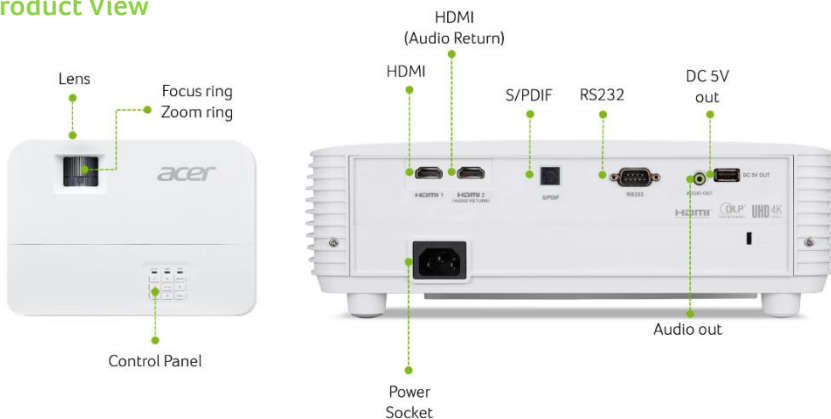
Installation flexibility

- Image shift
- Auto Keystone Correction (vertical)
- 4-Corner adjustment
- Sealed Optical Engine
- AC power on

Eco-friendly functionality

- Acer EcoProjection reduced up to 70% power consumption
 - Up to 20,000 hours lamp life (EcoPro mode)
1. Only support the frame packing format in Blu-ray 3D.

Product View



Optional Accessory



4K UHD (3,840 x 2,160) resolution

The Consumer Electronics Association (CEA) definition of 4K Ultra HD (UHD, 3,840 x 2,160) resolution states the display resolution must have at least 8 million active pixels. H6815BD 4K Ultra HD resolution with TI XPR technology serves more than 8.3 million on-screen pixels — four times more of a Full HD. All details comes alive.



1080p 240Hz

1080p 240Hz could present complete 240 frames in 1 second, thus moving scenes can be ultra-smooth even in fast moves. This prevents unwanted flickering, making it ideal for watching the big game or action movies.



HDR10 Compatible

HDR10-compatible (High Dynamic Range) reproduces a greater dynamic range of luminosity with expanded contrast and a wider range of brightness. The projector adjusts to brighter scenes so the highlights glimmer with detail, while in darker scenes, rich blacks are preserved and details typically hidden in the shadows are enhanced for greater overall luminance. HDR compatible shows colors as they truly are.



Image Shift

Image Shift

Project with precision by utilizing the innovative Image Shift. Combining the digital zoom1 & Image Shift, you will be able to shift the image precisely in screen without redecorating existed mounting location. It also helps you avoid the keystone distortion.

About Acer

Founded in 1976, today Acer is one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will infuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. More information is at www.acer.com.

