



LASER CLARITY EVERYDAY BRILLANCE



Acer HL6542i

Superior Laser Lighting

Full HD, 4000 ANSI Lumens

Wireless Projection

VRR (Variable Refresh Rate)

1080p 240Hz, Low input lag 1ms



Resolution



Laser lifespan



Wireless Projection



24/7 Operation



**VARIABLE
REFRESH
RATE**

* Specification may vary depending on model/or region.

Product Specification

Model name	Acer HL6542i
Display panel	0.47" DMD
Resolution	1080p (1,920 x 1,080) Maximum Supported: WUXGA (1920x1200)
Brightness	4,000 ANSI Lumens (Standard), 3,200 ANSI Lumens (ECO) (Compliant with ISO 21118 standard)
Light source	Laser
Aspect ratio	16:9 (Native), 4:3/ 16:10/ 2.35:1 (Supported)
Dynamic Contrast Ratio	1,500,000:1 Dynamic Black
Throw Ratio	1.5~1.65 (100"@3.3m)
Zoom ratio	1.1X
Lamp life	20,000 Hours (Standard), 30,000 Hours (ECO)
Projection lens	F = 2.0 ~ 2.05, f = 15.843mm ~ 17.445mm Manual Zoom & Focus
Keystone correction	+/-25° (Vertical, Auto), +/-25° (Horizontal, Manual) 4-Corner adjustment
Speaker	10W x 1
Noise level	29 dBA (ECO)
Input interface	HDMI 2.1 (HDCP 2.2) x 1 HDMI 2.1 (HDCP 2.2, Audio Return) x 1 USB (Wireless dongle, Hidden Type A2.0) x 1
Output interface	PC Audio (3.5mm mini jack) x 1 DC Out (5V/1.5A, USB Type A) x 1
Control interface	USB (Type A 2.0) x 1, share output port RS232 (D-sub) x 1
Dimension	322 x 225 x 109.7 mm (w/feet) (12.7" x 8.9" x 4.3")
Weight	3.3 Kg (7.28 lbs)

Features

Superior Lighting

- Laser projection system
- Up to 35% energy saved*

Lifelike Image

- Full HD 1080p resolution
- 4000 ANSI lumens
- 1,500,000:1 Dynamic contrast ratio
- Rec. 709 color space
- VRR (Variable Refresh Rate)
- 1080p 240Hz
- Low input lag 1ms

Enhanced Usability

- Wireless Projection**
- 24/7 operation
- 360-degree projection
- IP5X certified

Installation flexibility

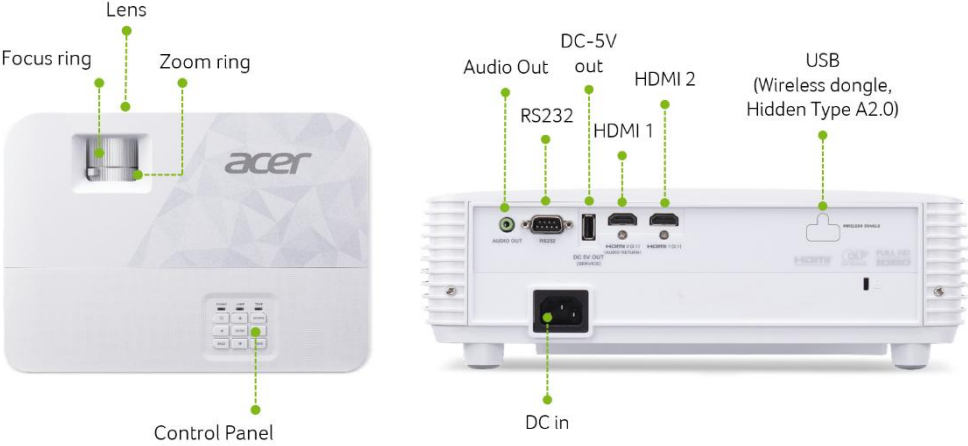
- 2D keystone correction
- 4 corner keystone
- AC Power On

Earthion platform

- Up to 30,000 hours lifetime
- 85% recycled paper adapted
- Mercury-free

* Compared with lamp-based projectors with identical brightness level.
** A wireless dongle is required and comes as standard.

Product View



Standard Accessory



Wireless projection-kit
UWA5

Optional Accessory



Ceiling Mount
CM-01S



Ceiling Mount
CM-02S



Laser Lighting

Unlike lamp-based projectors that block most of the light to isolate RGB, laser technology generates only the exact colors required—delivering higher brightness with greater efficiency. This design saves up to 35% of power compared to conventional lamp projectors while achieving the same brightness level. The power-saving technology provides more options to reduce our carbon footprint.



Wireless Projection

Pair with the default Acer wireless dongle to project from your smartphone, laptop, or PC—no cables needed. With built-in Miracast support***, Windows 10/11 devices can mirror screens instantly, no app required. Just click and play for effortless presentations.

*** Additional device must support Miracast technology.

VARIABLE
REFRESH
RATE

Variable Refresh Rate

Enjoy seamless, tear-free gaming and ultra-smooth visuals with Variable Refresh Rate (VRR) technology via HDMI 2.0. VRR is engineered to eliminate screen tearing that can occur when playing PC games or console games at up to 120Hz. By dynamically matching the display's refresh rate to the frame rate of your content, it ensures fluid motion and responsive gameplay—perfect for both gaming and video playback.



1080p 240Hz & 1ms Low input lag

With support for 1080p at 240Hz and ultra-low 1ms latency, the projector delivers smooth, responsive gameplay on the big screen. Whether you're into fast-paced action or competitive esports, it's built to elevate your gaming experience.

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.

