

acer

SUPERIOR LASER
LIGHTING, TRUE
MAINTENANCE-
FREE



Acer PL1520i

Superior Laser Lighting

Full HD (1,920 x 1,080)

4,000 ANSI lumens

Wireless Projection

Product Specifications

Model name	PL1520i
Projection system	DLP®
Resolution	1080p (1,920 x 1,080) Max. 4K UHD (3,840 x 2,160) resolution
Brightness	4,000 ANSI Lumens (Standard), 3,200 ANSI Lumens (ECO),(Compliant with ISO 21118 standard)
Aspect ratio	16:9 (Native), 4:3 (Supported)
Contrast ratio	2,000,000:1 Dynamic Black
Optical Zoom Ratio	1.3X
Digital Zoom	2X
Throw ratio	1.21~1.59 (75" @2.0m)
Projection lens	F = 2.5~2.93, f = 15.98mm ~ 21.42mm,Manual Zoom & Focus
Projection Screen Size(Diagonal)	28" ~ 300" (72cm ~ 762cm)
Projection Distance	1.0m ~ 8.0m (3.3"~26.4")
Keystone Correction	+/-30° (Vertical, Manual & Auto), +/-30° (Horizontal, Manual), 4-Corner adjustment
Lamp Type	Laser Diode
Lamp life	20,000 Hours (Standard) 30,000 Hours (ECO)
Noise level	31 dBA (Standard),28 dBA (ECO)
Audio	10W Speaker x 1
Input interface	Analog RGB/Component Video (D-sub) x 1; Composite Video (RCA) x 1; HDMI (1.4a 3D supported, HDCP) x 1; HDMI (2.0)/ MHL x 1; PC Audio (Stereo mini jack) x 1
Output interface	DC Out (5V/1.5A, USB Type A) x 1, PC Audio (Stereo mini jack) x 1
Control interface	RS232 (D-sub) x 1 USB (Micro-B) x 1
Network Interface	USB (Type A) x 1, for wireless dongle
Dimensions	337 x 265 x 119 mm (w/ feet) (13.3" x 10.4" x 4.7")
Weight	4.5 Kg (9.9 lbs)

Feature Highlights

Superior Laser Lighting

- High efficiency
- Rich and accurate color
- Long-lasting brightness consistency
- Up to 30,000 hours lifetime

Lifelike Image

- Mercury-free
- 4,000 ANSI lumens
- FHD resolution
- 2,000,000:1 contrast ratio
- 4K HDR support¹
- HDMI 3D/ DLP® 3D

Installation flexibility

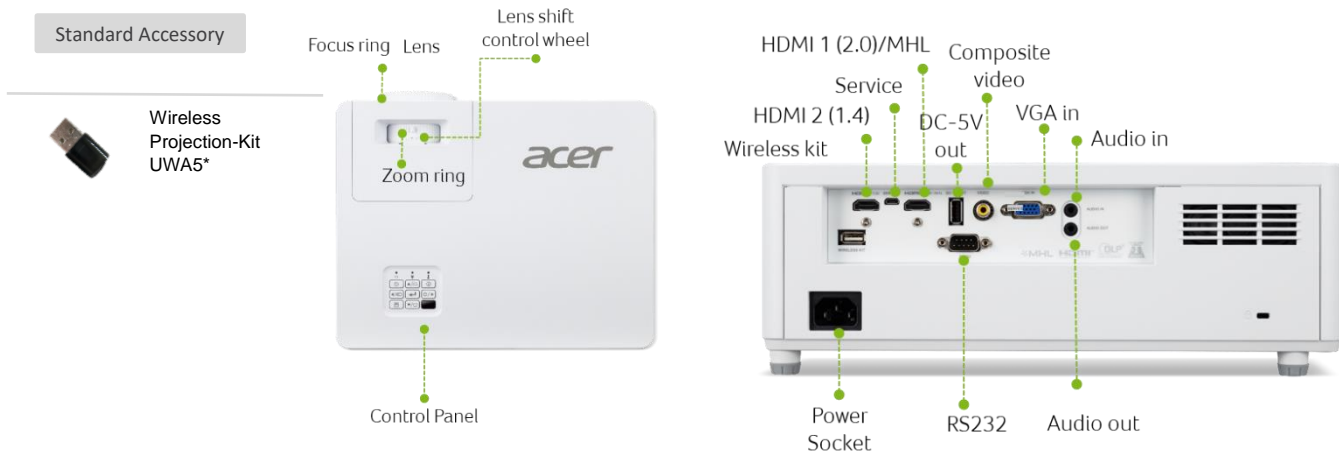
- 360-degree projection²
- Portrait projection²
- 1.3X zoom
- Auto/H/V keystone
- Vertical lens shift
- 4 corner correction
- AC power on

User-friendly design

- IP6X
- 24/7 operation
- Wireless Projection
- 10W x 1 speakers
- Instant On-Off

1. Only supports via HDMI 2.0.

2. Content needs to be changed in advanced for 360 degree projection and portrait mode.



Resolution

Full HD (1,920 x 1,080)

1080p (1920x1080) is a set of HDTV high-definition video modes. With the superb clarity of available 1080p Full HD, you'll enjoy exceptional details no matter on Blu-ray movies, video games or business presentation.



360 degree projection

360-degree projection*

PL projector can be rotated 360 degrees at any up-and-down angle for flexible installation. It enables special projection applied in exhibition, showroom or public spaces that requires projector not only supporting one projection angle.

- Project to the ceiling
- Project to the floor for interactive activity

*Content needs to be changed in advanced for 360 degree projection and portrait mode.



Laser lifespan

Superior Laser Lighting

Laser phosphor illumination uses only a blue laser diode, combining phosphor and filter wheel, to generate primary colors (RGB). These colors are then directed to DLP chip, go through lens and create images on screen. Unlike lamp-based projector that blocks most of the light and leave only RGB, laser creates only the exact color needed, thus using less power and is much brighter. 30% of power are saved compared to lamp-based projector to generate same level of brightness.



IP6X

IP6X Rated

IP6X is one kind of Ingress Protection Rating published by the IEC (International Electro technical Commission). It is the highest degree of protection against solid foreign objects. This exceptional dust-resistance ability ensures PL deliver reliable performance even in challenging environment, for example, high ceiling that is difficult to obtain regular cleaning.