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# PROJECT WITH CLARITY



## **Acer** X1228H

4,500 ANSI lumens

20,000:1 contrast ratio

Acer LumiSense content-aware

Acer Bluelight Shield



BluelightShield™



LUMISENSE



ColorSafe V.I.I.



ColorBoost 3D

## Product Specifications

|                                   |  |
|-----------------------------------|--|
| Model name                        | <b>PROJECTOR X1228H</b>  |
| Projection system                 | DLP®   |
| Resolution                        | XGA (1,024 x 768) Maximum WUXGA (1,920 x 1,200)  |
| Brightness                        | 4,500 ANSI Lumens (Standard), 3,600 ANSI Lumens (ECO)<br>(Compliant with ISO 21118 standard)   |
| Aspect ratio                      | 4:3 (Native), 16:9 (Supported)   |
| Contrast ratio                    | 20,000:1   |
| Throw ratio                       | 1.94 ~ 2.16 (51" @ 2m)   |
| Optical Zoom ratio                | 1.1X   |
| Digital Zoom                      | 2X   |
| Projection lens                   | F= 2.41~2.53, f = 21.85~24.01mm, Manual Zoom & Focus   |
| Projection Screen Size (Diagonal) | 23" ~ 300" (58cm ~ 762cm)  |
| Projection Distance               | 1.0m ~ 11.8m (3.3' ~ 38.8')  |
| Keystone Correction               | +/-40° (Vertical, Manual & Auto)   |
| Lamp Type                         | Phillips 220W  |
| Lamp life                         | 6,000 Hours (Standard), 10,000 Hours (ECO), 15,000 Hours (ExtremeEco)  |
| Audio                             | 3W Speaker x 1   |
| Noise level                       | 32 dBA (Standard), 24 dBA (ECO)  |
| Input interface                   | Analog RGB/Component Video (D-sub) x 1<br>HDMI 1.4a (Video, Audio, HDCP) x 1<br>PC Audio (Stereo mini jack) x 1<br>Composite Video (RCA) x 1 |
| Output interface                  | PC Audio (Stereo mini jack) x 1<br>DC Out (5V/1A, USB Type A) x 1<br>Analog RGB (D-sub) x 1  |
| Control interface                 | RS232 (D-sub) x 1<br>USB (Type A) x 1, share output port   |
| Dimensions                        | 313 x 240 x 113.7mm (12.3" x 9.4" x 4.5")  |
| Weight                            | 2.8 Kg (6.17 lbs)  |

## Feature Highlights

### Expressive display

- XGA (1,024 x 768) resolution
- 4,500 ANSI lumens
- 20,000:1 Dynamic Black
- Acer LumiSense
- Acer BlueLight Shield
- Acer ColorBoost3D
- Acer ColorSafe II
- HDMI 3D

### Enhanced usability

- Wireless Projection<sup>1,2</sup>
- 3W built-in speaker
- AC power on

### Installation flexibility

- Auto keystone +/- 40 degree
- Auto ceiling-mounted correction

### Eco-friendly functionality

- Acer EcoProjection
- Lamp life up to 10,000 hours (ExtremeEco mode)

## Product View



### Acer LumiSense

LumiSense incorporates a clever content-aware process. It analyzes projected content frame by frame and dynamically adjusts image visibility to optimum levels. Thanks to LumiSense intelligent judgment and dynamic adjustment, all dark scenes are clearly displayed with no loss of detail.



BlueLightShield™

### Acer BlueLight Shield

Protect your eyes from unnecessary strain by utilizing Acer BlueLight Shield™ technology. Each level of blue light filters contains dynamic mechanism to optimize blue light level based on content. BlueLightShield can reduce up to 30% blue light.



### Acer ColorBoost3D

ColorBoost3D presents true-to-life colors through an optimized 6-segment color-wheel design, advanced lamp illumination technology, and powerful TI image processing. It can reduce brightness decay and color shift while displaying 2D and 3D content through enhancing color brightness, while also compensating color saturation and color temperature.



### Acer ColorSafe II

ColorSafe II technology combines the dynamic RGB control techniques, and advanced projector lamps to extend projector lifespan. The technology prevents yellow hues, the sign of color decay, so even after thousands of hours of usage, projector continues to deliver consistent, natural colors.