

acer



LOSE YOURSELF IN ULTRA HD



Acer H7850

4K UHD resolution

3,000 lumens

HDR compatible

Rec. 2020 compatible

Acer AcuMotion

UHD 4K
8.3 Megapixel



Product Specifications

Model name	Acer H7850
Projection system	DLP™
Resolution	4K Ultra HD (3,840 x 2,160) resolution with TI XPR technology
Brightness	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO) (Compliant with ISO 21118 standard)
Aspect ratio	16:9 (Native), 4:3 (Supported)
Contrast ratio	1,000,000:1
Throw ratio	1.39~2.22 (65" @ 2m)
Projection lens	F = 2.5 ~ 3.26, F = 20.91mm ~ 32.62mm Manual Zoom & Focus
Lens shift	15% (Vertical Offset)
Lamp life	4,000 Hours (Standard), 10,000 Hours (ECO), 15,000 Hours (ExtremeEco)
Noise level	26 dBA (Standard), 24 dBA (ECO), 19 dBA (Silent Mode¹)
Input interface	Analog RGB/Component Video (D-sub) x 1 HDMI (Video, Audio, HDCP) x 1 HDMI 2.0 /MHL (Video, Audio, HDCP 2.2) x 1 PC Audio (Stereo mini jack) x 1
Output interface	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1 DC Out (5V/1A, USB Type A) x 1
Control interface	USB (Type A) x 1, share input port x1 RS232 (D-sub) x 1 12V DC (Screen control) x 1
Network interface	Ethernet port (RJ45) x 1
Dimensions	398 mm X 297.5 mm X 127 mm (w/ feet)
Weight	5.5 Kg

Feature Highlights

Expressive display

- 4K UHD (3,840 x 2,160)
- 8.3 megapixel on screen
- 3,000 ANSI lumens
- Dynamic Black 1,000,000:1
- HDR compatible
- Rec. 2020 compatible
- Acer AcuMotion (Frame interpolation)
- Super resolution video engine

Enhanced usability

- Wireless Projection²
- 5W x 2 speakers
- Silent mode¹
- Dual HDMI
- AC power on

Installation flexibility

- Vertical lens shift
- 1.6X zoom

Eco-friendly functionality

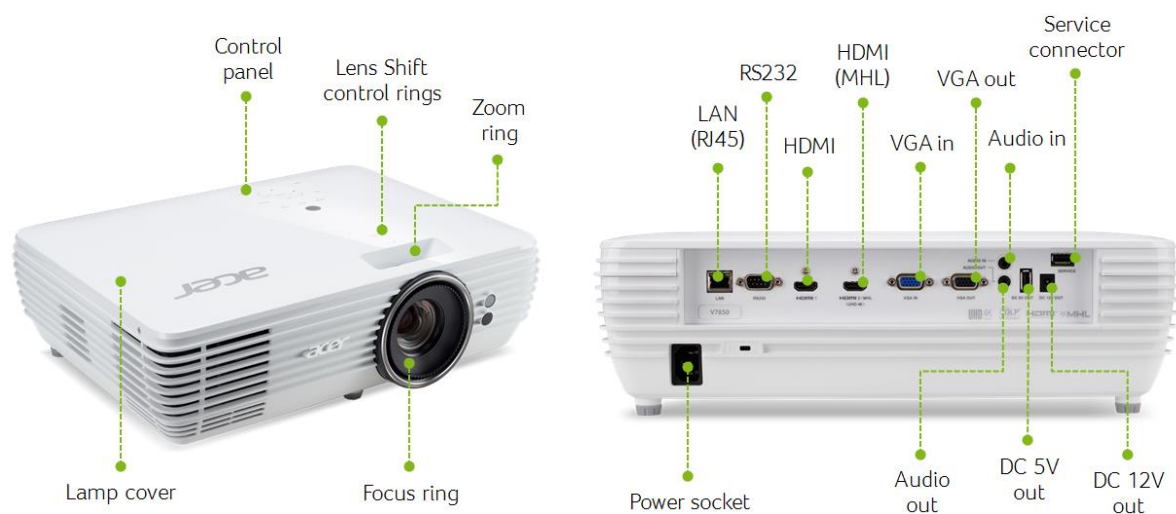
- Acer EcoProjection
- Lamp life up to 15,000 hours (ExtremeEco mode)

1 - XPR is a proprietary, pixel-shifting technology by Texas Instruments. XPR is disabled when operating in silent mode.

2 - Optional Acer WirelessCAST or Acer WirelessHD-Kit is required.

Optional accessory

WirelessCAST MWA3	
WirelessHD-Kit MWiHD1	
Ceiling Mount CM-01S	
Ceiling Mount CM-02S	



4K UHD

The Consumer Electronics Association (CEA) definition of 4K Ultra HD (UHD, 3,840 x 2,160) states the display resolution must have at least 8 million active pixels. Acer 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 come alive.



Acer AcuMotion

AcuMotion is a frame interpolation system that removes unwanted motion blur. The system calculates and generates intermediate frames, inserting them into existing ones. By doing so, the movie can be ultra-smooth even in fast moving scenes.

HDR compatible

HDR (High dynamic range) is a technique to reproduce a greater dynamic range of luminosity. It preserves details in the darkest & brightest areas, and presents a similar range of luminance that the color is close to how we see in real life. The expanded contrast & wider range of brightness produces true-to-life color. Image comes to life with HDR compatible.



Rec. 2020 compatible

Rec. 2020, also known as BT. 2020, is the recommendation for UHDTV defined by International Telecommunications Union (ITU). With Rec. 2020 compatible, projector is able to read and translate rec. 2020 language into rec. 709 for superior color reproduction.