

acer



# REDISCOVER IN ULTRA HD HOME ENTERTAINMENT

## Acer H7850

4K UHD resolution  
3,000 lumens  
HDR compatible  
Rec. 2020 compatible  
Acer AcuMotion



reddot award 2017  
winner

**UHD 4K**  
8.3 Megapixel



## Product Specifications

Model name	<b>Projector H7850</b>
PN	MR.JPC11.006
EAN	4713883129572
Projection system	DLP™
Display Panel	0.66" UHD DMD
Brightness	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO) (Compliant with ISO 21118 standard)
Resolution	4K Ultra HD (3,840 x 2,160) resolution with TI XPR technology
Aspect ratio	16:9 (Native), 4:3 (Supported)
Contrast ratio	1,000,000:1
Optical Zoom Ratio	1.6X
Throw ratio	1.39~2.22 (65" @2m)
Projection lens	F = 2.5 ~ 3.26, f = 20.91mm ~ 32.62mm Manual Zoom & Focus
Projection Screen Size (Diagonal)	26"~ 302" (66cm~767cm)
Projection Distance	1.3m~ 9.3m (4.2'~30.5')
Lens shift	15% (Vertical Offset)
Lamp Type	Philips 240W
Keystone Correction	N/A
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 Mode <sup>1</sup> )
Displayable Colors	1.07 Billion Colors
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
Standard Accessories	AC power cord HDMI cable Remote control Battery for remote control Lens cap Carrying case User's guide (CD-ROM) Quick start guide
Dimensions	398 mm X 297.5 mm X 127 mm (w/ feet)
Weight	5.5 Kg
Warranty	2 Yrs parts&labor (no on-site) / Lamp 1 Yr or 1,000 hrs (any come first)

## 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)
- ISFccc certificate
- Super resolution video engine

### Enhanced usability

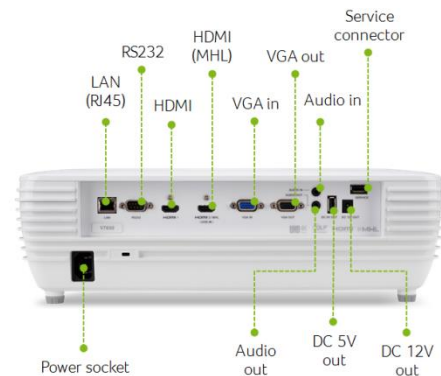
- Wireless Projection<sup>2</sup>
- 5W x 2 speakers
- Silent mode<sup>1</sup>
- Dual HDMI
- AC power on

### Installation flexibility

- Vertical lens shift
- 1.6X zoom

### Eco-friendly functionality

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



### 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.



AcuMotion

### 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.