

# 3D HOME THEATER PROJECTOR H181X



## ALL DIGITAL BIG-SCREEN ENTERTAINMENT



- 2x HDMI ports for all-digital connectivity
- Full 3D compatibility; immerse yourself in your favorite 3D movie or video game
- 3200 lumens bright for lights-on entertainment
- Up to 300" diagonal image with whisper quiet operation



The Optoma H181X will transform any room into an incredible big-screen video and 3D entertainment room with up to 300" image size.

Delivering a remarkable 3200 lumens bright image with a 23,000:1 contrast ratio, the HD181X will delight your family and friends with its crystal clear 720p HD video with outstanding image detail and fantastic color reproduction.

With all digital connectivity, the Optoma H181X is compatible with your favorite Blu-ray 3D player, streaming video set-top box, PS3, PS4, Xbox and other gaming consoles.

Packed with an extensive list of advanced features, the H181X will take your home entertainment to a whole new level. It also features 2x HDMI ports for multi-input source switching convenience, USB-A with 5V DC 1A power, full 3D compatibility, 1080p HD compatibility, adjustable Gamma, 1.2X zoom lens, built-in 2W speaker, audio-out jack, RS-232 connectivity, ultra-long lamp life, whisper quiet fan and much more.

## CONNECTIVITY (May require optional accessories)



COMPUTERS



SMART PHONES



TABLETS



3D BLU-RAY/DVD PLAYERS

SET TOP BOXES



CAMCORDERS



GAME CONSOLES



DIGITAL CAMERAS



Roku®



Apple TV®



Chromecast™

## 3D HOME THEATER PROJECTOR— H181X

### OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
<b>Resolution</b>	HD 720p (1280 x 720)
<b>Maximum Resolution</b>	HD 1080p (1920 x 1080)
<b>Brightness</b>	3200 lumens
<b>Contrast Ratio</b>	23,000:1 (full on/full off)
<b>Displayable Colors</b>	1.07 Billion
<b>Lamp Life and Type*</b>	10,000/7000/6500/6000/5000 Hours (Edu/Dynamic/ECO+/ECO/Normal), P-VIP 190W lamp
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±40° Vertical
<b>Uniformity</b>	>80%
<b>Aspect Ratio</b>	16:10 Native, 16:9, 4:3 compatible
<b>Throw Ratio (Distance/Width)</b>	1.49–1.79
<b>Projection Distance</b>	3.9'–32.8' (1.2–10 m)
<b>Image Size (Diagonal)</b>	30"–300" (0.76–7.62 m)
<b>Projection Lens</b>	F=2.59–2.86, f=20.99–25.61 mm, 1.2x manual zoom and focus
<b>Digital Zoom</b>	0.8~2.0
<b>Offset</b>	112%
<b>Audio</b>	2-Watt speaker
<b>Noise Level</b>	28dB
<b>Remote Control</b>	IR remote mouse control
<b>Operating Conditions</b>	41–113°F (5–45°C), 85% max humidity
<b>Power Supply</b>	AC input 100–240V, 50–60Hz, auto-switching
<b>Power Consumption</b>	Max 250 (Normal), Min 202 (Eco+), <0.5W (standby-ECO)

### COMPATIBILITY SPECIFICATIONS

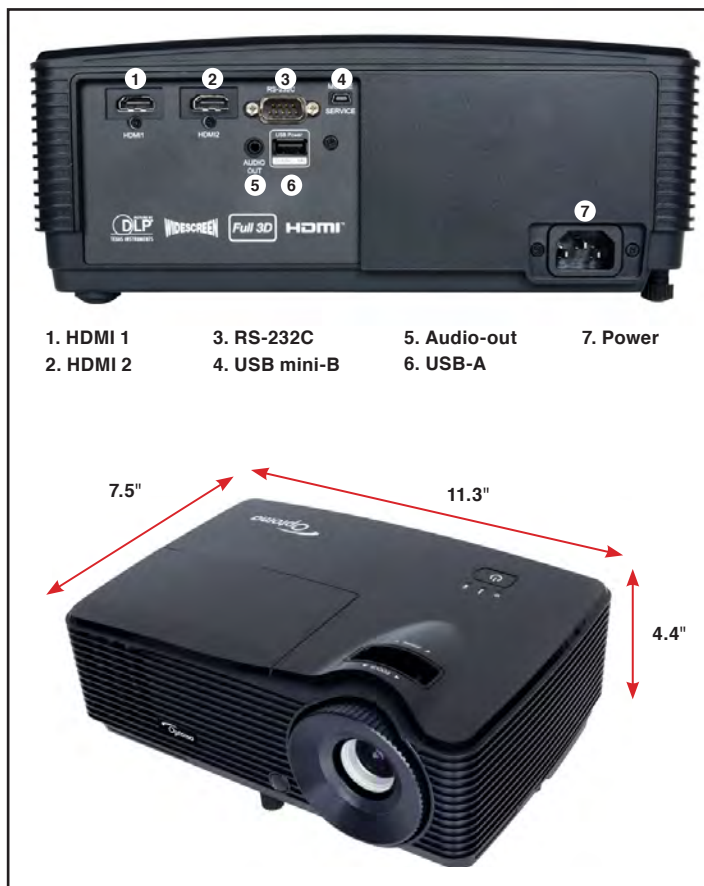
<b>Computer Compatibility</b>	HD, UXGA, SXGA+, WXGA+, WXGA, SXGA, XGA, SVGA, VGA
<b>Video Input Compatibility</b>	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
<b>3D Compatibility†</b>	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e 60 or 72 frames per eye). 3D glasses are needed and are sold separately. Refer to user manual for details.
<b>Vertical Scan Rate</b>	24–85Hz, 120Hz
<b>Horizontal Scan Rate</b>	15.375–91.4KHz
<b>User Controls</b>	Complete on-screen menu, adjustments in 27 languages
<b>I/O Connection Ports</b>	Two HDMI v1.4a, Audio-out, RS-232C, USB-A, USB mini-B
<b>Loop Through (Audio)</b>	<i>Audio:</i> HDMI VAO audio out supported, (VAO in normal mode, fixed during Standby)

### PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® Lock Port and keypad lock
<b>Weight</b>	4.8 (2.1 kg)
<b>Dimensions (W x H x D)</b>	11.3" x 4.4" x 7.5" (287 x 111 x 190 mm)

\*Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

†3D content can be viewed with either RF or DLP Link active shutter glasses when projector is used with a compatible 3D player. RF 3D glasses require the use of an RF 3D emitter and a projector with a 3D VESA Sync port. Please visit [www.OptomaUSA.com](http://www.OptomaUSA.com) for more information.



1. HDMI 1      3. RS-232C      5. Audio-out      7. Power  
2. HDMI 2      4. USB mini-B      6. USB-A

#### Warranty

1-Year Limited Parts and Labor, 90-Days on Lamp

#### In the Box (Standard Accessories)

H181X projector, AC power cord, remote control, batteries for remote, multilingual CD-ROM user's manual, quick start card and warranty card

#### Optional Accessories

Universal ceiling mount, Optoma screens, DLP® Link™ 3D glasses, wireless HDMI system and Single-Cat6 HDBaseT

#### Accessory Part Numbers

Lamp: PBA84-2400	Remote: J8947-0384-00
Carrying case: BK-4032	DLP® Link™ 3D glasses: ZD302
Single-Cat6 HDBaseT kit: EVBMN-M110	Wireless HDMI system: WHD200
Universal ceiling mount: OCM818B-RU	Universal ceiling mount: BM-5001U
Universal ceiling mount (with extension pole): OCM815B	

UPC 796435 81 215 7

# Touchboards

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**Optoma**  
Projector Expert

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