



HZ41

High Brightness Full HD Laser Projector

Enjoy home entertainment and casual gaming, across versatile multi-use spaces with Optoma's HZ41, a reliable, flexible laser projector without the hassle and ongoing cost of traditional lamp models.



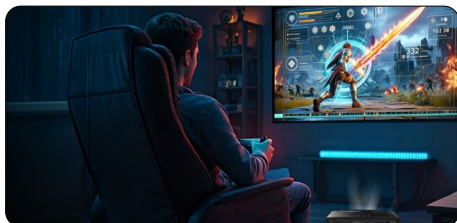
Bright, Versatile Picture

From movie nights to game day, HZ41 is built for flexible everyday projection featuring 4,600 lumens* with an image up to 100" - even with the lights on!



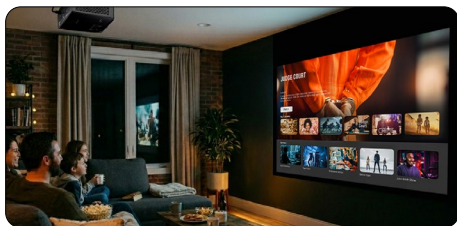
Lamp Free - Long Lasting Duracore Laser

Powered by DuraCore laser technology, the HZ41 offers up to 30,000 hours of virtually maintenance-free operation (eco mode), consistent brightness, instant on/off, and greater energy efficiency than lamp-based projectors.



Enhanced Gaming Mode

Choose Enhanced Gaming Mode and enjoy faster response rates for a competitive edge and an ultra smooth gaming experience. Experience a low input lag of 8.6ms @ 1080p/120Hz. Dual HDMI and USB power for Fire TV and Roku sticks.



Stunning Picture Quality

With Native Full HD 1080p Resolution and 4,600 lumens, HDR10 and HLG support, the HZ41 provides rich cinematic color, brighter whites and deeper blacks, and Dynamic Black delivers a stunning 300,000:1 contrast ratio.



Flexible Setup

Compact chassis, 1.1x zoom, H/V keystone, 360° operation, and 24/7 support for any install scenario.



Smarter Connectivity

Comprehensive I/O: 2 x HDMI 2.0, VGA-In, Audio-In 3.5mm, 2 x USB-A (Power / Bluetooth), 1 x Audio-Out 3.5mm, 1 x RS232, RJ45, 3D Sync, 12V triggers - ideal for mixed home and office setups.

Product Specifications

Display/image	Display technology	DLP®
	Resolution	1080p Full HD (1920 x 1080)
	Brightness	4,600 Lumens*
	Contrast ratio	300,000:1
	Dynamic contrast ratio	3,000,000:1
	Native aspect ratio	16:9
	Aspect ratio - compatible	4:3, 16:9, 16:10
	Keystone correction - horizontal	+/-30°
	Keystone correction - vertical	+/-30°
	Displayable colors (millions)	1073.4
	Horizontal scan rate	15 KHz ~ 135 KHz
	Vertical scan rate	24 Hz ~ 120 Hz
	Uniformity	75%
	Screen Size	30" ~300" diagonal
Light Source	Light source type	Laser
	Light source life	30,000 hours (Eco mode)
Optical	Throw ratio	1.48:1-1.62:1
	Projection distance	39.37" ~ 393.7"
	Zoom	1.1x
	Zoom type	Manual
	Focal length (mm)	21.26 mm ~ 24 mm
	Native offset	116% +/- 5%
Connectivity	Connections	Inputs 2 x HDMI 2.0, VGA-In, Audio-In 3.5mm Outputs 2 x USB-A (Power / Bluetooth), 1 x Audio-Out 3.5mm Control 1 x RS232, RJ45, 3D Sync, 12V trigger
General	Noise level (min)	29dB (in eco mode)
	Noise level (max)	31dB
	PC compatibility	UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, SXGA+
	2D compatibility	NTSC, PAL, SECAM, SDTV, HDTV, UHD
	3D compatibility	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.
	Input lag	4K/ 60Hz: 17 ms, 1080p/ 60Hz: 17 ms, 1080p/ 120Hz: 8.6 ms
	Security	Kensington Lock, Password protected interface
	OSD / display languages	27 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish, Vietnamese
	24/7 operation	Yes
	360° operation	Yes
	Operating conditions	Max Temperature (operating): 0 ~ 40°C +/- 2°C Max Altitude (operating): 10,000 ft Max Humidity (operating): 80%
	Remote control	Full size remote
	Speaker count & Watts per speaker	1 x 15W
	In the box	AC power cord, Remote control, 2x AAA batteries, Quick start user manual
Power	Power supply	External power supply, 100 ~ 240V, 50 ~ 60 Hz
	Power consumption (standby)	0.5W
	Power consumption minimum	120W
	Power consumption maximum	170W
	Dimensions (W x D x H)	10.8" x 8.5" x 4.5"
	Gross weight	9.5lbs
	Net weight	6.4lbs
	UPC	796435 81 582 0



1080p
Full HD

15W

4,600lm

30,000hr

HDR

300"

*Brightness measured in accordance with ISO 21118