Optoma

UHZ50

Compact smart 4K UHD laser home entertainment projector

- **Laser 4K UHD resolution, HDR and HLG compatible**

- **Lights on viewing - 3000 lumens**

- **Supports 1080p 240Hz for smooth gaming and an input lag of 4ms**

- **Easy installation - 1.3x zoom and vertical lens shift**

4K UHD HDR / HLG 3x HDMI Gaming 1.3x zoom / VLS Laser Smart features - Alexa / GA / IFTTT / Creative Cast

Specifications

The following specifications are preliminary and subject to change without notice

Display/image

Display technology	DLP™
Resolution	UHD (3840x2160)
Brightness	3,000 lumens
Contrast ratio	2,000,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - horizontal	+/-40°
Keystone correction - vertical	+/-40°
Has vertical auto keystone correction	Yes
Displayable colours (millions)	1073.4
Horizontal scan rate	15.375 ~ 91.146 Khz
Vertical scan rate	50 ~ 120HzHz
Uniformity	80%
Screen size	0.87m ~ 7.68m (34.1" ~ 302.4") diagonal

Lamp info

Light source type	Laser
LASER life	30,000 hours

Optical

Throw ratio	1.21:1 ~ 1.59:1
Projection distance	1.2m - 8.1m / 47.24" - 318.9"
Zoom	1.3
Zoom type	Manual
Focal length	12.81mm~16.74mm
Lens shift	Vertical +10%
Native offset	105%
Lens shift	Yes - {{downloads_link}}

Connectivity

Connections	**Inputs** 2 x HDMI 2.0, 3 x USB-A, 1 x HDMI 2.0 (eARC)
	Outputs 1 x Audio 3.5mm, 1 x S/PDIF
	Control 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x 3D sync

General

Noise level (typical)	27dB
Noise level (max)	29dB
PC compatibility	UHD, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz)
3D compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
OSD / display languages	25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese
24/7 operation	Yes
Operating conditions	0°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85%
Remote control	Backlit home remote
Heat dissipation	918BTU/hour
Speaker count	2
Watts per speaker	10W
In the box	AC power cord Remote control inc CR2025 battery Quick start user manual WUSB wireless adapter
Input lag	4.20ms

Power

Power supply	100V ~ 240V, 50-60Hz
Power consumption (standby)	<0.5W
Power consumption (min)	175W
Power consumption (max)	230W

Weight and dimensions

Dimensions (W x D x H)	337 x 265 x 122.5 mm / 13.27" x 10.43" x 4.82"
Gross weight	6.5 kg / 14.33 lbs
Net weight	4.8 kg / 10.58 lbs