Optoma

EH412x
High resolution, versatile and bright projector

Eco⁺   Full HD 1080p

- **Bright Full HD 1080p projector - 4500 lumens for use any time of day**

- **Easy connectivity - HDMI and USB Power**

- **Clear, powerful audio - Built-in 10W speaker**

- **Lightweight and portable - Perfect for classroom and meeting room presentations**

Beam bright, eye-catching content with the Full HD 1080p EH412x projector. Perfect for classroom and meeting room presentations, this projector is designed to be used at any time of day.

Additionally, it boasts easy connectivity with multiple inputs including HDMI and a built-in 10W speaker. You can even use the USB power to connect and power HDMI dongles such as Google Chromecast.

Specifications

Display/image

Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	4,500 lumens
Contrast ratio	22,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - vertical	+/-40°
Horizontal scan rate	15.38 ~ 91.15Khz
Vertical scan rate	50 ~ 85(120 for 3D)Hz
Uniformity	70%
Screen size	0.78m ~ 7.66m (30.8" ~ 301.4") diagonal

Lamp info

Light source type	Lamp
Lamp watts	240
Lamp life hours (up to)	4000 (Bright), 12000 (Dynamic), 10000 (Eco), 15000 (Eco+)

Optical

Throw ratio	1.12:1 ~ 1.47:1
Projection distance (m)	1m - 7.5m
Zoom	1.3
Zoom type	Manual
Focal length (mm)	16.9mm~21.6mm/0.665"~0.85"
Native offset	116%

Connectivity

Connections	**Inputs** 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support
	Outputs 1 x Audio 3.5mm, 1 x USB-A power 1.5A
	Control 1 x RS232

General

Noise level (typical)	26dB
Noise level (max)	28dB
PC compatibility	UHD, WUXGA, 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
Operating conditions	5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85%
Remote control	Data remote with laser and mouse function
Speaker count	1
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
Optional wireless models	HDCast Pro, QuickCast Bundle, QuickCast starter kit, WHD200

Power

Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	200W
Power consumption (max)	285W

Weight and dimensions

Dimensions (W x D x H) mm	316 x 244 x 108
Gross weight	3.9 kg
Net weight	3.31 kg