

# PowerLite 109W WXGA 3LCD Projector

Contact Us 800.463.7766

Mon-Fri 7am-4pm PT

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## Widescreen classroom projector with enhanced connectivity and audio.

The bright, widescreen PowerLite 109W classroom projector features advanced connectivity and premium 16 W audio. Offering remarkable color accuracy, Epson® projectors deliver high Color Brightness<sup>1</sup>. This reliable performer features 4,000 lumens of color/white brightness<sup>2</sup>, plus WXGA resolution. Its long-lasting lamp, which delivers up to 12,000 hours in ECO Mode<sup>3</sup>, lowers maintenance costs. Optional wireless and built-in RJ-45 connectivity offer advanced network control and support the simultaneous display of multiple screens — including from Chromebooks<sup>4</sup>. It also features easy setup and 2x HDMI® (1x MHL<sup>®5</sup>).

**Projection System:** 3LCD, 3-chip technology

**Native Resolution:** 1280 x 800 (WXGA)

**Color Brightness:** 4000 lumens<sup>2</sup>

**White Brightness:** 4000 lumens<sup>2</sup>

**Throw distance and Display size calculators** ►

**Model:** V11H861020

OUR PRICE :

**\$749.00**

## Overview

### Bright and Colorful

Features 4000 lumens of color brightness (color light output)<sup>1</sup> and 4000 lumens of white brightness (white light output)<sup>1</sup>.

### WXGA Resolution

1280 x 800 HD widescreen resolution

### Lamp Life

High-efficiency E-TORL lamp lasts up to 6,000 hours in normal mode and up to 12,000 hours in ECO Mode.

### HDMI / MHL Connectivity

Stream 1080p content and mirror your mobile device with MHL & the latest in connectivity. Get instant access to movies, games and more from MHL-enabled devices.

### iProjection App Compatible

Wirelessly project from your iPhone®, iPad®, iPod® Touch or Android™ mobile device.

### Optional Wireless Connectivity

Can be used wirelessly with optional high-speed LAN module (purchased separately).

- **Remarkable color accuracy** — High Color Brightness<sup>1</sup> and wide Color Gamut<sup>6</sup> with Epson
- **More accurate, vivid color, even in well-lit rooms** — 4,000 lumens of equal color and white brightness<sup>2</sup>
- **Brilliant, widescreen image quality** — native WXGA (1280 x 800) resolution; 16:10 format
- **Long-lasting, low-cost lamps** — up to 12,000 hours in ECO Mode<sup>3</sup>
- **Enhanced wireless display technology** — connect up to 50 Chromebook™, Mac®, PC, iOS® and Android™ devices, and simultaneously display up to four screens, with Epson iProjection™<sup>4</sup> (wireless module sold separately)
- **Two-way content sharing** — teachers can push content from the projector to wirelessly connected devices and control which device screens to display; students can make notes and send their work back to the projector<sup>4</sup>
- **Advanced network control** — RJ-45 and optional wireless connectivity for remote projector management, presentations over the network, and more
- **Flexible, easy setup** — 1.2x optical zoom, ±30 degrees vertical and horizontal keystone correction, Easy-Slide control and Quick Corner®
- **2x HDMI** — connect multiple A/V devices; includes 1x MHL-enabled port<sup>5</sup>
- **Powerful, engaging sound** — includes a built-in 16 W speaker and microphone input; or, use external speakers, even in Standby Mode

## Eco Features

- RoHS compliant
- Recyclable product<sup>7</sup>
- Epson America, Inc. is a SmartWay™ Transport Partner<sup>8</sup>

### Better Products for a Better Future™

For more information on Epson's environmental programs, go to [www.epson.com/environment](http://www.epson.com/environment)

## IMPORTANT SAFETY INFORMATION ABOUT USAGE ENVIRONMENTS FOR MOUNTED PROJECTORS ►

## What's In The Box:

- PowerLite 109W Projector

- Power cord
- Computer cable (VGA)
- Projector remote control
- Batteries
- Software CD
- Quick setup sheet
- Warranty card
- Password protect sticker

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## Specifications

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### Specifications Projector:

**Projection System:**

3LCD, 3-chip technology

**Projection Method:**

Front / rear / ceiling mount

**Driving Method:**

Poly-silicon TFT Active Matrix

**Pixel Number:**

1,024,000 dots (1280x800) x 3

**Color Brightness - Color Light Output:**

4000 lumens<sup>2</sup>

**White Brightness - White Light Output:**

4000 lumens<sup>2</sup>

**Aspect Ratio:**

16:10

**Resolution:**

1280 x 800 (WXGA)

**Resize:**

640 x 480 (VGA), 800 x 600 (SVGA), 1024 x 768 (XGA), 1280 x 960 (SXGA2), 1280 x 1024 (SXGA3), 1366 x 768 (WXGA60-3), 1400 x 1050 (SXGA+), 1440 x 900 (WXGA+), 1680 x 900 (WXGA++), 1600 x 1200 (UXGA60)

**Lamp Type:**

210 W UHE

**Lamp Life:**

- ECO mode: Up to 12,000 hours<sup>3</sup>
- Normal mode: Up to 6,000 hours<sup>3</sup>

**Throw Ratio Range:**

1.30 (Zoom:Wide), 1.56 (Zoom:Tele)

**Size - projected distance:**

33" to 320" (0.84 to 8.13 m) (Zoom:Wide)

**Keystone Correction:**

- Vertical: ±30 degrees (Automatic)

- Horizontal:  $\pm 30$  degrees (Slider)

**USB Plug 'n Play:**

Projector is compatible with PC and Mac® computers

**Contrast Ratio:**

Up to 15,000:1

**Color Processing:**

10 bit

**Color Reproduction:**

Up to 1.07 billion colors

**General:**

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**Temperature:**

41° to 95° F (5° to 35° C)

**Weight:**

6.17 lb (2.8 kg)

**Security:**

- Kensington®-style lock provision
- Padlock
- Security anchor bar

**Power:**

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**Power Supply Voltage:**

100 – 240VAC  $\pm 10\%$ , 50 / 60Hz AC

**Power Consumption:**

- ECO mode: 237 W
- Normal mode: 326 W
- Communication on: 2.0 W Standby
- Communication off: 0.2 W Standby

**Projection Lens:**

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**Type:**

Manual focus

**F-number:**

1.49 – 1.72

**Focal Length:**

16.9 mm – 20.28 mm

**Zoom Ratio:**

1.0 – 1.2

**Remote Control:**

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**Features:**

A/V Mute, Freeze, Split, Aspect, Color Mode, Auto, MHL Menu, Volume

**Operating Distance:**

19.7' (6 m)

**Operating Angle:**

- Right / Left:  $\pm 30$  degrees
- Upper / Lower:  $\pm 15$  degrees

## Projector Dimensions:

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**Including feet:**

11.6" x 10.2" x 3.5" (W x D x H)

**Excluding feet:**

11.6" x 10.2" x 3.4" (W x D x H)

## Projector Details:

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**Display Performance:**

- NTSC: 480 lines
  - PAL: 576 lines
- (Depends on observation of the multi-burst pattern)

**Input Signal:**

NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM

**Interfaces:**

- 1x USB-A
- 1x USB-B
- 1x LAN
- 1x HDMI
- 1x HDMI/MHL®
- 2x Computer/Component
- 1x Video
- 1x RS-232c
- 1x Stereo Mini-jack (Mic)
- 1x Monitor Out
- Audio 1 & 2
- Audio L & R
- 1x Audio Out
- Wireless LAN port: 802.11 b/g/n (optional – module sold separately)

**Speaker:**

16 W (mono)

**Fan Noise:**

- ECO mode: 28 dB
- Normal mode: 37 dB

**Eco Features:**

- RoHS compliant
- Recyclable product<sup>7</sup>
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