

PowerLite 109W WXGA 3LCD Projector

Contact Us 800.463.7766

Mon-Fri 7am-4pm PT



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 Brightness¹. This reliable performer features 4,000 lumens of color/white brightness², plus WXGA resolution. Its long-lasting lamp, which delivers up to 12,000 hours in ECO Mode³, 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 Chromebooks⁴. It also features easy setup and 2x HDMI® (1x MHL^{®5}).

Projection System: 3LCD, 3-chip technology

Native Resolution: 1280 x 800 (WXGA)

Color Brightness: 4000 lumens²

White Brightness: 4000 lumens²

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)¹ and 4000 lumens of white brightness (white light output)¹.

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 Brightness¹ and wide Color Gamut⁶ with Epson
- **More accurate, vivid color, even in well-lit rooms** — 4,000 lumens of equal color and white brightness²
- **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 Mode³
- **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™⁴ (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 projector⁴
- **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 port⁵
- **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 product⁷
- Epson America, Inc. is a SmartWay™ Transport Partner⁸

Better Products for a Better Future™

For more information on Epson's environmental programs, go to 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

Specifications

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 lumens²

White Brightness - White Light Output:

4000 lumens²

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 hours³
- Normal mode: Up to 6,000 hours³

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: ± 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:

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:

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:

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:

Features:

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

Operating Distance:

19.7' (6 m)

Operating Angle:

- Right / Left: ± 30 degrees
- Upper / Lower: ± 15 degrees

Projector Dimensions:

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:

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

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