

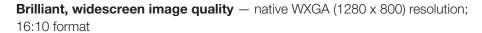
PowerLite® 109W WXGA 3LCD Projector

Ultra bright 4,000 lumens color/ white brightness¹



Widescreen classroom projector with enhanced connectivity and audio.

More accurate, vivid color, even in well-lit rooms -4,000 lumens of equal color and white brightness¹



Long-lasting, low-cost lamps — up to 12,000 hours in ECO Mode²

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^{™3} (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 projector³

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 port4

Powerful, engaging sound — includes a built-in 16 W speaker and microphone input; or, use external speakers, even in Standby Mode







PowerLite® 109W WXGA 3LCD Projector

Specifications

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 (1280 x 800) x 3 Color Brightness¹ Color Light Output: 4,000 lumens White Brightness¹ White Light Output: 4,000 lumens

Aspect Ratio 16:10

Native 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 Life²

ECO Mode: Up to 12,000 hours Normal Mode: Up to 6,000 hours

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

Contrast Ratio Up to 15,000:1

Color Reproduction Up to 1.07 billion colors

Projection Lens

Type Manual focus F-number 1.49 - 1.72 Focal Length 16.9 - 20.28 mm

Throw Ratio Range 1.30 (Zoom:Wide), 1.56 (Zoom:Tele)

Zoom Ratio Optical zoom 1.0 - 1.2

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

Speaker 16 W (mono)

Operating Temperature 41 ° to 95 °F (5 ° to 35 °C) Power Supply Voltage $100 - 240 \text{ V AC} \pm 10\%$, 50/60 Hz

Power Consumption ECO Mode: 237 W Normal Mode: 326 W

Standby (Communication On): 2.0 W Standby (Communication Off): 0.2 W

Fan Noise

ECO Mode: 28 dB Normal Mode: 37 dB

Security Kensington-style lock provision, padlock and

security anchor bar

Interfaces

1x USB-A

1x USB-B

1x LAN

1x HDMI 1x HDMI/MHL®

2x Computer/Component

1x Video

1x RS-232c

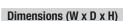
1x Stereo Mini-jack (Mic)

1x Monitor Out Audio 1 & 2

Audio L & R

1x Audio Out

Wireless LAN port: 802.11 b/a/n (optional - module sold separately)



Including Feet 11.6" x 9.7" x 3.5" **Excluding Feet** 11.6" x 10.2" x 3.4"

Weight 6.17 lb (2.8 kg) **Remote Control**

Features A/V Mute, Freeze, Split, Aspect, Color Mode, Auto,

MHL Menu, Volume **Operating Angle**

Right/left: ± 30 degrees Upper/lower: ± 15 degrees Operating Distance 19.7' (6 m)

Eco Features

RoHS compliant Recyclable product⁵

Epson America, Inc. is a SmartWay® Transport Partner6



Support

Epson ConnectionSM

Pre-sales support (U.S. and Canada): 800-442-1977 Internet website: www.epson.com

Service Programs 2-year projector limited warranty, Epson Road Service program, PrivateLine® dedicated toll-free support and 90-day lamp limited warranty

What's in the Box

PowerLite 109W projector, power cord, computer cable (VGA), projector remote control, batteries, user manual CD, Software CD, Quick Setup Sheet, warranty card, password protect

Ordering Information

PowerLite 109W Projector	V11H861020
Genuine Epson Lamp (ELPLP96)	V13H010L96
Replacement Air Filter (ELPAF32)	V13H134A32
Wireless LAN Module (ELPAP10)	V12H731P02
Quick Connect USB Key (ELPAP09)	V12H005M09
Soft Carrying Case (ELPKS70)	V12H001K70
DC-21 Document Camera	V12H758020
DC-13 Document Camera	V12H757020
DC-07 Document Camera	V12H759020

1 Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. | 2 Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | 3 For wireless functionality, including via the Epson iProjection App, the projector must be configured on a network, either through the Ethernet port on the projector (check model specifications for availability) or via a wireless connection. Check your owner's manual to determine if a wireless LAN module must be purchased separately to enable a wireless connection. Not all Epson projectors are able to be networked. The Epson iProjection App does not support all files and formats. See www.epson.com for details. | 4 Includes one Mobile High-Definition Link® (MHL) HDMI port. | 5 For convenient and reasonable recycling options, visit www.epson.com/recycle | 6 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

Learn more about how our products can empower your institution. Visit us at www.epson.com/foreducation

Better Products for a Better Future eco.epson.com

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