

EB-PU1007W WUXGA 3LCD Laser Projector with 4K Enhancement¹



Product shown with lens.
Lens sold separately.

Projectors

Large Venue

Premium, compact large-venue laser projector with 4K Enhancement¹.

Best-in-Class Color Brightness² — 7,000 lumens color/white brightness³ from a compact large-venue laser projector

Exceptional widescreen display — native WUXGA with 4K Enhancement Technology¹ (1920 x 1200 x 2); accepts 4K content and provides up to 4.6 million pixels onscreen

Worry-free operation — features a virtually maintenance-free 20,000-hour laser light source and air filter⁴

Simplified installation features — 11 optional powered lenses including ultra short-throw with .35 throw; inputs including HDBaseT™ and HDMI® (HDCP 2.3)

NFC function built-in⁴ — reduce installation time of multiple projectors; read and write setting information using Epson's mobile app

Clip-on optional external camera — access powerful automated tools including auto color calibration⁵, screen matching of multiple projectors⁶, tiling assist⁷ for edge blends, and the stacking assist⁸ function.

Lifelike images — high native contrast ratio, HDR support and scene adaptive gamma correction for more realistic images and easy-to-read presentations

Optional external air filter — extend the filter maintenance cycle in dusty environments

Dynamic projection capabilities — advanced built-in edge blending, image warping and shape overlay features for a variety of applications; direct content playback from USB storage media

Customized performance — brightness modes to maximize light source life and provide a consistent brightness level

Powerful remote management — control and monitor projector status via the Epson Projector Management app for Windows®



Specifications

Projection System High-aperture Epson® 3LCD, 3-chip technology
Projection Method Front/rear/ceiling mount
Driving Method Poly-silicon TFT Active Matrix
Pixel Number 2,304,000 dots (1920 x 1200) x 3 chips
Signal Input Maximum Display Resolution: 4096 x 2160 (resizing display) Display Resolution: 1920 x 1200 pixels
Native Resolution WUXGA with 4K Enhancement¹ (1920 x 1200 x2)
Resolution on Screen WUXGA with 4K¹ Enhancement/4.6 million pixels¹
Aspect Ratio Supports 4:3, 16:9, 16:10
Pixel Arrangement Cross stripe
Color Brightness³ Color Light Output: 7,000 lumens
White Brightness³ White Light Output: 7,000 lumens
Contrast Ratio 2,500,000:1 (Dynamic Contrast: On)
Brightness Uniformity (typical) 85%
Color Reproduction Up to 1.07 billion colors
Keystone Correction
 Vertical: ±45 degrees;
 Horizontal: ±30 degrees
Illumination Technology Laser Phosphor

Projection Lens (Standard)
 See website for information on optional lenses.
Standard Lens ELPLM08 (sold separately)
Type Powered shift/focus/zoom
F-number 1.7 – 2.3
Focal Length 24.0 mm – 38.2 mm
Zoom Ratio Optical zoom 1 – 1.6x
Throw Ratio Range 1.45 – 2.32
Lens Shift Vertical: ±67%; horizontal: ±30%

Other Features

Operating Temperature 32 ° to 113 °F (0 ° to 45 °C)
Power Supply Voltage 100 – 240 V ±10%, 50/60 Hz AC
Power Consumption
 448W (Normal, Custom)
 379W (Medium, Quiet, Extended)
 2.0 W Standby (Communication on)
 0.5 W Standby (Communication off)
Fan Noise 33dB (Normal Mode), 31dB (Medium Mode), 29dB (Eco Mode)
Security Security cable hole, lens lock, Kensington lock provision, wireless LAN unit lock

Video I/O

Input Signal Input Video Signal (HDMI, DVI-D and HDBaseT ports) 480i/480p/576i/576p/720p/1080i/1080p/3840 x 2160/4096 x 2160

Interfaces

DVI-D x 1
 HDMI (HDCP 2.3) x 1
 HDBaseT x 1
 RGB D-sub 15pin
 Variable audio out: Mini Stereo x 1
 USB connector Type-B x 1
 USB connector Type-A x 2
 Serial: RS-232C x 1
 Remote Stereo Mini
 Network: RJ-45

Dimensions (W x D x H)

Excluding Feet, Lens 21.5" x 17.2" x 6.5"
Weight 35.9 lb

Remote Control

Features Power, source search selection, lens shift, zoom, focus, test pattern selection, A/V mute, freeze, user ID, auto, aspect, color mode, number, page up and down, E-zoom, volume, help, menu, enter, esc and pointer functions

Operating Angle

Angle Front: Right/Left: 60 to +60 Upper/Lower +30 to 20 degrees
 Angle Rear: Right/Left 30 to +30 Upper/Lower +50 to +10 degrees

Operating Distance 98 ft

Eco Features

RoHS compliant Recyclable product⁹
 Epson America, Inc. is a SmartWay® Transport Partner¹⁰

Support

Epson ConnectionSM
 Pre-sales support U.S. and Canada 800-463-7766
 Internet website www.epson.com

Service Programs

The projector has a limited warranty of 3 years. Epson Road Service program with free Next-Business-Day replacement¹¹, PrivateLine® dedicated toll-free support (U.S. and Canada only)



What's in the Box

EB-PU1007W projector, power cable, remote control with 2 batteries, cable cover, lens connector cap, user guide and warranty sheet

Ordering Information

| | |
|---|------------|
| EB-PU1007W | V11HA34920 |
| ELPLAF46 | V13H134A46 |
| External Air Filter (ELPAF63) | V13H134AD0 |
| Ultra Short-throw lens (ELPLX01S) | V12H004X0A |
| Ultra Short-throw lens- White (ELPLX01WS) | V12H004Y0A |
| Short-throw #1 zoom lens (ELPLU03S) | V12H004UA3 |
| Short-throw #2 zoom lens (ELPLU04) | V12H004U04 |
| Wide-throw #1 zoom lens (ELPLW05) | V12H004W05 |
| Wide-throw #2 zoom lens (ELPLW06) | V12H004W06 |
| Wide-throw #3 zoom lens (ELPLW08) | V12H004W08 |
| Middle-throw #1 zoom lens (ELPLM08) | V12H004M08 |
| Middle-throw #2 zoom lens (ELPLM15) | V12H004M0F |
| Middle-throw #3 zoom lens (ELPLM10) | V12H004M0A |
| Middle-throw #4 zoom lens (ELPLM11) | V12H004M0B |
| Long throw zoom lens (ELPLL08) | V12H004L08 |
| External Camera (ELPEC01) | V12HA46010 |
| Rigging frame | ELPMB59 |
| HDBaseT transmitter (ELPHD01) | V12H547020 |
| Wireless LAN module (ELPAP11) | V12H005A02 |
| Projector Ceiling Mount (ELPMB67) | V12HA54010 |
| Suspension Adapter (ELPFP15) | V12HA55010 |

¹ 4K Enhancement Technology shifts each pixel to surpass Full HD resolution on screen. | ² Color brightness measured per IDMS 15.4. Additional colors and picture modes tested. Top-selling Epson 3LCD projectors vs. comparable top-selling 1-chip DLP projectors based on NPD sales data for October 2019 – September 2020. COLOR BRIGHTNESS WILL VARY BASED ON USAGE CONDITIONS. | ³ 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. | ⁴ NFC enabled device required. | ⁵ Requires Epson external camera | ⁶ Requires an Epson external camera for each projector. | ⁷ Requires Epson external camera for each projector and the Epson Projector Professional Tool App | ⁸ Requires Epson external camera for each projector | ⁹ For convenient and reasonable recycling options, visit www.epson.com/recycle | ¹⁰ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | ¹¹ Expedited shipping not available in all areas. Road Service orders must be in by 3 p.m. Eastern Time for Next-Business-Day delivery.

See the latest innovations from Epson Business Solutions at www.epson.com/forbusiness

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