

# PowerLite® 1780W Wireless WXGA 3LCD Projector



## The lightweight, ultra slim, widescreen, wireless projector.

**Lightweight and travel friendly** — thin as a laptop; weighs just 4 lb

**Look for two numbers** —

3,000 lumens<sup>1</sup> Color Brightness for more accurate, vivid color

3,000 lumens<sup>1</sup> White Brightness for well-lit rooms

**Sharp images** — WXGA resolution (1280 x 800); offers 2x more resolution than SVGA for HD-quality presentations

**Wireless** — project from your laptop, tablet, or smartphone<sup>2</sup> without plugging into the projector, so you can move freely about the room

**Far more accurate color with Epson®** — 3LCD, 3-chip technology for 3x Higher Color Brightness<sup>3</sup> and up to 3x Wider Color Gamut<sup>4</sup> than competitive DLP projectors

**Share HD videos directly from your smartphone, tablet or streaming device**

— supports Chromecast™ via HDMI®, plus Roku® and MHL-enabled devices

**Fast wireless setup for your mobile device** — just scan the on-screen QR code using your phone or tablet<sup>2</sup>

**Compatible with the latest laptops and media players** — supports HDMI, the standard in connectivity, for digital video and audio with just one cable

**Portability you need for presentations on the go** — carrying case included

**USB Plug 'n Play** — use the included USB cable to instantly project content from a PC or Mac®



**Specifications**

**Projection System** RGB liquid crystal shutter projection system  
**Projection Method** Front/rear ceiling mount, Front/rear desktop  
**Driving Method** Poly-silicon TFT Active Matrix  
**Pixel Number** 1,024,000 dots (1280 x 800) x 3  
**Color Brightness**<sup>1</sup> Color Light Output: 3,000 lumens  
**White Brightness**<sup>1</sup> White Light Output: 3,000 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 1024 (SXGA), 1400 x 1050 (SXGA+), 1440 x 900 (WXGA+), 1600 x 1200 (UXGA), 1680 x 1050 (WSXGA+)  
**Lamp Type** 206 W UHE  
**Lamp Life**<sup>5</sup>  
 7,000 hours (ECO Mode)  
 4,000 hours (Normal Mode)  
**Throw Ratio Range** 1.04 – 1.26  
**Size (Projected Distance)** 30" – 300" (2.2 – 26.8 ft)  
**Keystone Correction**  
 Automatic Vertical: ±30 degrees  
 Manual Horizontal: ±30 degrees  
**Contrast Ratio** Up to 10,000:1  
**Color Reproduction** Up to 1.07 billion colors  
**Plug 'n Play** Projector is compatible with PC and Mac computers

**Projection Lens**

**Type** Optical Zoom (Manual)/ Focus (Powered)  
**F-number** 1.58 – 1.70  
**Focal Length** 13.52 – 16.22 mm  
**Zoom Ratio** Optical zoom 1.0 – 1.2

**Other**

**Display Performance**  
 NTSC: 480 line  
 PAL: 576 line  
 (depends on observation of the multi-burst pattern)  
**Input Signal** NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM SDTV/HDTV  
**Audio Output** 1 W mono speaker  
**Operating Temperature** 41 ° to 95 °F (5 ° to 35 °C)  
**Power Supply Voltage** 100 – 240 V ±10%, 50/60 Hz  
**Power Consumption**  
 290 W (Normal Mode)  
 208 W (ECO Mode)  
**Fan Noise**  
 39 dB (Normal Mode)  
 30 dB (ECO Mode)

**Interfaces**

1x HDMI (Supports MHL<sup>®</sup> connectivity)  
 Computer/component video: 1x D-sub 15 pin  
 Composite video: 1x RCA  
 USB Type A: 1x PC-free USB and other  
 USB Type B: 1x USB Plug 'n Play



**Weight and Dimensions (W x D x H)**

**Including Feet** 11.5" x 8.4" x 2.1"  
**Excluding Feet** 11.5" x 8.4" x 1.7"  
**Weight** 4.0 lb

**Remote Control**

**Features** Power, Source Search Selection, Computer, Video, A/V Mute, Freeze, User ID, Auto, Aspect, Color Mode, NUM, Page Up and Down, E-zoom, Volume, Help, Menu, Enter, ESC and Pointer functions

**Operating Angle**

Right/left: Front: ± 60 degrees; rear: ± 30 degrees  
 Upper/lower: Front: ± 30 degrees; rear: ± 30 degrees

**Operating Distance** 19.7 ft

**Eco Features**

RoHS compliant  
 Recyclable product<sup>6</sup>  
 Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>7</sup>

**Support**

**Epson Connection<sup>SM</sup>**

**Pre-sales Support**  
 U.S. and Canada: 800-463-7766  
 Internet website: www.epson.com

**Service Programs** 2-year limited warranty, Epson Road Service program, PrivateLine<sup>®</sup> dedicated toll-free support (U.S. and Canada only) and 90-day limited lamp warranty

**What's in the Box**

PowerLite 1780W projector, power cable, computer cable (VGA), USB cable, projector remote control with batteries, soft carrying case, user manual CD, EasyMP<sup>®</sup> software CD, Quick Setup Sheet, registration card

**Ordering Information**

PowerLite 1780W	V11H795020
Genuine Epson Lamp	V13H010L94
Replacement Air Filter	V13H134A53
Duet <sup>™</sup> Portable Screen	ELPSC80
ES3000 Portable Screen	V12H002S3Y
ES1000 Ultra Portable Screen	V12H002S4Y

**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** For wireless functionality, including via the Epson iProjection<sup>™</sup> 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. **3** Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. The projectors used by a third-party lab for measuring color brightness were leading Epson 3LCD business and education projectors and leading 1-chip DLP projectors, based on NPD sales data for June 2013 through May 2014 and PMA Research sales data for Q1 through Q3 2013. **4** Gamut volume of leading Epson business and education projectors compared to leading 1-chip DLP projectors, based on NPD data for June 2013 through May 2014. Volume is measured in 3D in the CIE L\*a\*b\* coordinate space. **5** Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. **6** For convenient and reasonable recycling options, visit www.epson.com/recycle | **7** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency..

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