

# PowerLite<sup>®</sup> 520 XGA 3LCD Projector

Projectors

Short-Throw



## The affordable XGA short-throw projector for reliable performance.

**3x Brighter Colors<sup>1</sup>, and reliable performance** — 3LCD, 3-chip technology

**One measurement of brightness is not enough** — look for both high color brightness and high white brightness. The PowerLite 520 has:

Color Brightness: 2700 lumens<sup>2</sup>

White Brightness: 2700 lumens<sup>2</sup>

**Incredible image quality** — native XGA resolution and 4:3 format

**Large, engaging presentations, even in small spaces** — short throw distance saves space; project a 108" image from just 4' away with minimal shadows and glare

**Long-lasting, low-cost lamps** — up to 10,000 hours in ECO Mode<sup>3</sup>

**Flexible placement** — install using a wall mount (optional) or place on a tabletop or cart

**Convenient collaboration for BYOD classrooms** — wirelessly share<sup>4</sup> and compare students' work from multiple devices, simultaneously, with Moderator device management software<sup>5</sup>

**Wireless projection from an array of devices** — project from iPhone<sup>®</sup>, iPad<sup>®</sup>, Android<sup>™</sup> tablets and smartphones with the free Epson iProjection<sup>™</sup> App<sup>4</sup> (wireless module sold separately)

**Manage projectors and present remotely** — easy network connectivity; software included

**Powerful sound to engage every student** — includes a built-in 16 W speaker and microphone input; or, use external speakers, even in Standby Mode



**Specifications**

**Projection System** 3LCD, 3-chip technology  
**Projection Method** Front/rear/ceiling mount  
**Driving Method** Poly-silicon TFT Active Matrix  
**Pixel Number** 786,432 dots (1024 x 768) x 3  
**Color Brightness<sup>2</sup>** Color Light Output: 2700 lumens  
**White Brightness<sup>2</sup>** White Light Output: 2700 lumens  
**Aspect Ratio** 4:3  
**Native Resolution** 1024 x 768 (XGA)  
**Resize** 640 x 480 (VGA), 800 x 600 (SVGA), 1152 x 864 (SXGA), 1280 x 800 (WXGA), 1280 x 960 (SXGA2), 1280 x 1024 (SXGA3), 1280 x 768 (WXGA 60-1), 1360 x 768 (WXGA 60-2), 1440 x 900 (WXGA+), 1400 x 1050 (SXGA+), 1600 x 1200 (UXGA)  
**Lamp Type** 215 W UHE  
**Lamp Life<sup>3</sup>**  
 Up to 10,000 hours (ECO Mode)  
 Up to 5000 hours (Normal Mode)  
**Throw Ratio Range** 0.55 – 0.74  
**Size (projected distance)** 50" to 108" (1.27 to 2.74 m)  
**Keystone Correction Manual** Vertical ± 15 degrees  
**Keystone Correction Manual** Horizontal ± 15 degrees  
**Mac<sup>®</sup> Connectivity** Projector is Mac compatible via USB, DVI to HDMI<sup>®</sup> or VGA adapter (not included)  
**Contrast Ratio** Up to 16,000:1  
**Color Reproduction** Up to 1.07 billion colors

**Projection Lens**

**Type** No optical zoom/Manual focus  
**F-number** 1.60  
**Focal Length** 6.4 mm  
**Zoom Ratio** Digital zoom 1.0 – 1.35

**Other**

**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 V ± 10%, 50/60 Hz  
**Power Consumption**  
 293 W (Normal Mode)  
 229 W (ECO Mode)  
 1.9 W Standby (Communication On)  
 0.22 W Standby (Communication Off)  
**Fan Noise**  
 35 dB (Normal Mode)  
 28 dB (ECO Mode)  
**Security** Kensington<sup>®</sup> Security lock port, padlock and security cable hole, password protect function

**Interfaces**

Computer/component video: D-sub 15 pin x 2  
 S-video: Mini DIN x 1  
 Composite video: RCA (Yellow) x 1  
 Audio in: RCA x 1 (L and R), Mini stereo x 2  
 USB (Type B) connector x 1 (USB display, audio and mouse control)  
 USB (Type A) connector x 1 (USB memory/document camera)  
 HDMI x 1  
 RJ-45 x 1  
 Serial: RS-232C x 1  
 Monitor out: D-sub 15 pin x 1  
 Audio out: Mini stereo x 1  
 Microphone: Mini stereo x 1  
 Wireless LAN port: 802.11 b/g/n (optional – module sold separately)

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

**Including feet:** 13.5" x 12.7" x 5.2"  
**Excluding feet:** 13.5" x 12.7" x 3.7"  
**Weight** 8.2 lb

**Remote Control**

**Features** Source search, video, LAN, computer, USB, power, aspect, color mode, volume, e-zoom, A/V Mute, freeze, menu, page up and down, help, auto, mouse functions, user, esc  
**Operating Angle**  
 Right/left: ± 30 degrees  
 Upper/lower: 10 to ± 60 degrees  
**Operating Distance** 19.7 ft (6 m)

**Eco Features**

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

**Support**

**The Epson Connection<sup>SM</sup>**  
 Pre-sales support U.S. and Canada 800-463-7766  
 Internet website [www.epson.com](http://www.epson.com)

**Service Programs**

Two-year projector limited warranty, Epson<sup>®</sup> Road Service program, PrivateLine<sup>®</sup> dedicated toll-free support and 90-day limited lamp warranty

**What's in the Box**

PowerLite 520 projector, power cord, computer cable (VGA), projector remote control, batteries, user manual CD, projector software CD, Quick Setup Sheet, password protection sticker and lens cover



**Ordering Information**

PowerLite 520	V11H674020
Genuine Epson lamp	V13H010L87
Replacement air filter	V13H134A47
Short-throw wall mount (ELPMB45)	V12H706020
PowerLite <sup>®</sup> Pilot <sup>™</sup> 2 (ELPCB02)	V12H614020
Active speakers (ELPSP02)	V12H467020
Wireless 802.11 b/g/n LAN unit (ELPAP07)	V12H418P12
Quick wireless connection USB key (ELPAP07)	V12H005M09
Epson DC-06 document camera	V12H321005
Epson DC-11 document camera	V12H377020
Epson DC-12 document camera	V12H594020
Epson DC-20 document camera	V12H500020
Universal projector ceiling mount	ELPMBPJF
Adjustable suspended ceiling channel kit	ELPMBP01
False ceiling plate kit	ELPMBP02
Structural round ceiling plate	ELPMBP03
Adjustable extension column (pipe) 8"–11"	ELPMBP01
Duet <sup>™</sup> screen	ELPSC80
ES3000 portable screen (ELPSC26H)	V12H002S3Y

<sup>1</sup> Compared to leading 1-chip DLP business and education projectors based on NPD data, July 2011 through June 2012. Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. | <sup>2</sup> 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. | <sup>3</sup> Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | <sup>4</sup> Check your owner's manual to determine if a wireless LAN module must be purchased separately to enable wireless connection on your Epson projector. Epson projectors can be networked either through the Ethernet port on the projector (check model specifications for availability) or via a wireless connection. Not all Epson projectors are able to be networked. Availability varies depending on model. | <sup>5</sup> Moderator feature is part of EasyMP<sup>®</sup> Multi-PC Projection software. | <sup>6</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>7</sup> SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

Better Products for a Better Future<sup>™</sup>  
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