EPSON®

EPSON PowerLite® 820p

The power to shine; the brains to perform

Looking for the brightness and flexibility to meet virtually any presentation requirement? Available at a great value, the 9.3 lb EPSON PowerLite 820p delivers 2500 lumens of brightness, XGA resolution, and a unique combination of features for maximum power and versatility.

Bright enough to install in a conference room or auditorium, but light enough to carry across town, this whisper-quiet portable has a feature set that adapts to any presentation environment. With its advanced optics and three Epson 0.9" high-aperture LCDs, it offers the greatest color and detail for superior image quality.

This versatile product goes one step further, adding new and unique features without costly expansion modules. Multiple inputs offer flexible connectivity, while the 1.35x optical zoom lens supports a wide variety of placement options. Horizontal keystone correction provides additional positioning flexibility. The lamp access on top of the projector enables easy changes, even when the projector is ceiling-mounted.

All in all, the EPSON PowerLite 820p offers exceptional brightness, extreme flexibility, and incredible dependability. In fact, experienced professionals who service and sell multimedia projectors choose Epson 5:1 as the most reliable
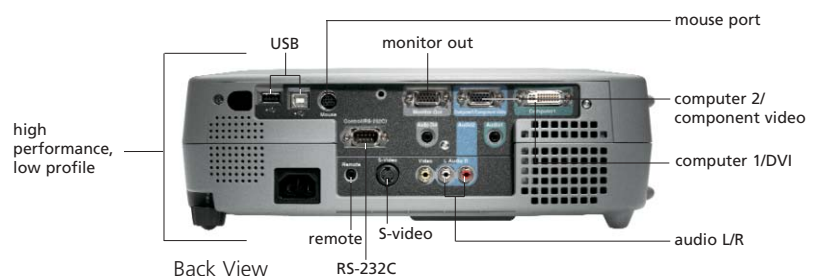
Powerful Feature Set

- No costly expansion modules necessary; complete set of computer and video connections built-in
- Horizontal and vertical keystone correction (30° vertical, 10° horizontal)
- Quiet 38db operation to eliminate excessive sound during presentations
- Multiple inputs and outputs, including component and DVI inputs (compatible with digital and analog signals)
- 5 Watt audio so there's no additional audio expense

Reliable and Easy to Use

- 1.35x optical zoom ratio to position the projector closer to the screen for unobtrusive operation
- Full-featured remote control with easy-to-use page-up and page-down presentation control
- Conveniently placed lamp access on top of the projector, designed for easy changes, even when the projector is ceiling-mounted
- Intuitive menu functions
- Start Here Kit gets first time users projecting in just minutes
- EPSON PrivateLineSM toll-free person to person technical support, available from 6 a.m. to 6 p.m. PST Monday through Friday. Calls are typically answered within 45 seconds

Superior Image Quality and Performance

- Incredible 2500 lumens in a 9.3 lb projector
- XGA (1024 x 768) resolution for sharp, vivid detail
- Three EPSON 0.9" high-aperture LCDs for rich color saturation across the screen
- 400:1 contrast ratio for blacker blacks and whiter whites
- EPSON ColorReality™ color processing technology provides 6 user-selectable modes for maximum flexibility, which presenters can choose from based on their presentation materials or environment

full-featured
IR remote control

stylish metallic
silver finish

Front View

USB   monitor out   mouse port

high
performance,
low profile   computer 2/
component video

computer 1/DVI

remote   S-video   audio L/R

Back View   RS-232C

EPSON PowerLite 820p Specifications

Projection System   EPSON original LCD prism technology

Projection Method   Front/rear/ceiling mount

LCD

Size	0.9"
Driving method	EPSON Poly-Silicon TFT Active Matrix
Pixel number	786,432 dots (1024 x 768) x 3
Native resolution	XGA
Aspect ratio	4:3 (supports 16:9, 5:4)
Pixel arrangement	Stripe

Projection Lens

Type	Manual: zoom/focus
F-number	1.74 to 2.06
f-number	28.3mm to 37.98mm
Zoom ratio	1:1.35

Lamp

Type	200W UHE
Life (typical)	1500H (can last about 5 yrs. based on 6 hours/week x 50 weeks/year)

Screen Width Ratio (distance/width)   1.5 to 1.97:1

Screen Size (projected distance)   30" to 300" (0.87m to 12.48m)

Keystone Correction   Vertical: +/- 30 degrees, Horizontal: +/-10 degrees

Brightness (typical)   2500 ANSI lumens

Contrast Ratio   400:1

Brightness Uniformity (typical)   85%

Color Reproduction   24 bit; 16.7ml

Audio Output   5W

Operating Temperature   5°C to 35°C (41°F to 95°F)

Power Supply Voltage   100-120V, 200-240V +/-10%, 50/60Hz AC

Power Consumption   280W (5.5W at stand by mode)

Maximum Dimensions (includes lens and feet)   10.87"D x 13.75"W x 4.5"H

Dimensions (includes lens and feet)   10.79"D x 13.71"W x 4.1"H

Weight   9.3 lbs/4.2kg

Fan Noise   38db

Effective Scanning Frequency Range

Pixel clock	14MHz to 230MHz
Horizontal	15KHz to 107KHz
Vertical	43Hz to 120Hz

Remote Control

Features	Keystone (horizontal & vertical), Picture in Picture, special effects, source selection, power, resize, right/left mouse click, volume, presets
Operating angle	Right/Left +/– 30°, Upper/Lower +/– 15°
Operating distance	30ft (10m)

RGB

	Analog RGB I/O	Digital RGB Input
Display performance		
Native	1024 x 768	1024 x 768
Resize	1600 x 1200	1280 x 1024
	1280 x 1024	800 x 600
	800 x 600	640 x 480
	640 x 480	
Input terminal		
Video	Mini D-sub 15pin DVI Type l	DVI Type l
Audio	Stereo mini jack RCA x2	Stereo mini jack
Output terminal		
Video	Mini D-sub 15pin (monitor out)	

Video I/O

Display performance	NTSC: 550 line, PAL: 550 line (Depend on observation of multi burst pattern)
Input signal	NTSC,NTSC4.43,PAL,M-PAL, N-PAL,PAL60,SECAM; HDTV: 480p, 480i, 720p, 1080i, 1080p
Input terminal	
Video	Composite Video: RCA x 1 S-Video: Mini DIN Video RGB: Mini D-sub 15pin Component Video: Mini D-sub 15pin
Audio	RCA x 2 (for composite video/S-video/ component video) Stereo mini jack (for video RGB)

Control I/O

Mouse/USB I/O	Mini DIN 9pin (for PS/2 mouse) USB connector series A (for Hub) USB connector series B (for mouse, keyboard, audio control)
Serial I/O	Mini D-sub 9pin RS-232C
Input terminal	Stereo mini jack (for remote control)

Security   Kensington®-style lock provision

Warranty

Two year limited warranty, international warranty, 90-day lamp warranty, EPSON Road Service Program and EPSON PrivateLine dedicated toll-free support (U.S. and Canada only)

Supplied Accessories

Power cord, RCA video/audio cable, remote control, 2 batteries, computer cable HD15/HD15, PS/2 mouse cable, USB mouse cable, Start Here kit

Product/Accessory Part Numbers

EPSON PowerLite 820p projector	V11H065020
Replacement lamp	V13H010L15
Soft shoulder bag	ELPKS13
ATA shipping case	ELPKS41
ATA molded hardshell case	ELPKS40
Samsonite wheeled soft case	ELPKS35
Digital video cables	
DVI cable DVI to DVI, 3 meter	ELPKC20
DVI cable DVI to DFP, 3 meter	ELPKC21
DVI analog cable	V12H005C25
Component video cable	ELPKC19
Ceiling mount	ELPMB36
Suspension adapter	ELPMBAPL
False ceiling plate	ELPMBFCP
Mac adapter set	ELPAP01
Remote control receiver	ELPST02
Remote control receiver kit	ELPST04
Portable screens	
50" portable screen	ELPSC06
60" insta-theatre screen	ELPSC07
80" insta-theatre screen	ELPSC08
Wireless microphone system	ELPCVSII
Presentation audio system	ELPPAS1
Kensington security lock	ELPSL01
High resolution document imager	ELPDC02
Motion presentation camera	ELPDC03
High resolution document camera	V12H064020

Support–The Epson Connection℠

Pre-Sales Support U.S. and Canada	800-463-7766
Automated Technical Support	800-922-8911
Internet Web Site	www.epson.com

Presenters ONLINE℠   presentersonline.com

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