



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

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

Powerful Feature Set

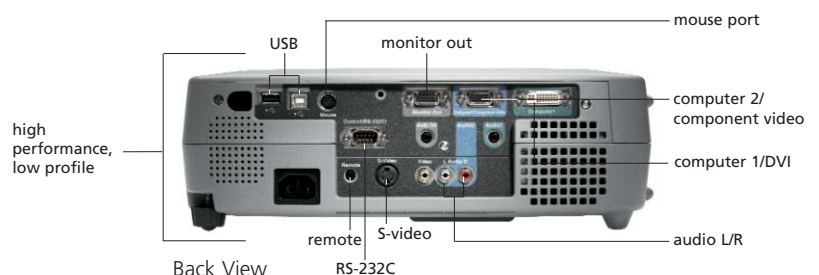
- No costly expansion modules necessary; complete set of computer and video connections built-in
- Horizontal and vertical keystone correction (30° vertical, 10° horizontal)
- Quiet 38db operation to eliminate excessive sound during presentations
- Multiple inputs and outputs, including component and 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 PrivateLine™ 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



Front View



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 800 x 600 640 x 480	1280 x 1024 800 x 600 640 x 480
Input terminal		
Video	Mini D-sub 15pin DVI Type I	DVI Type I
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	
Portable pop-up screen 60"	ELPSC07	
Portable pop-up screen 80"	ELPSC08	
Kensington security lock	ELPSL01	
High resolution document imager	ELPDC02	
Motion presentation camera	ELPDC03	
High resolution document camera	V12H064020	

Support-The Epson ConnectionSM
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Automated Technical Support 800-922-8911
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