EPSON®
EXCEED YOUR VISION

Epson PowerLite® 1830
MULTIMEDIA PROJECTOR

Smart features. Incredibly bright.

Step up the impact of your classroom and boardroom presentations with the Epson PowerLite 1830. This versatile projector provides ultra bright, high quality images, and is remarkably easy to use. Your presentations will be dynamic in any setting, with Epson 3LCD, 3-chip technology, XGA resolution and 3500 lumens color light output and 3500 lumens white light output[1]. The PowerLite 1830 is also capable of sending your presentations over the network, as well as generating network message broadcasts, as it is equipped with an RJ-45 Ethernet connection. And, with built-in closed captioning capabilities, you can easily engage every member of your audience. You'll also enjoy the convenience of Plug 'n Play USB instant setup for PCs.

Colorful, detailed images — native XGA (1024 x 768) resolution and up to 2000:1 contrast ratio

Incredible image quality, anytime, day or night — 3500 lumens color light output, 3500 lumens white light output[1]

The best selling projectors
#1
Epson Projectors
in the world
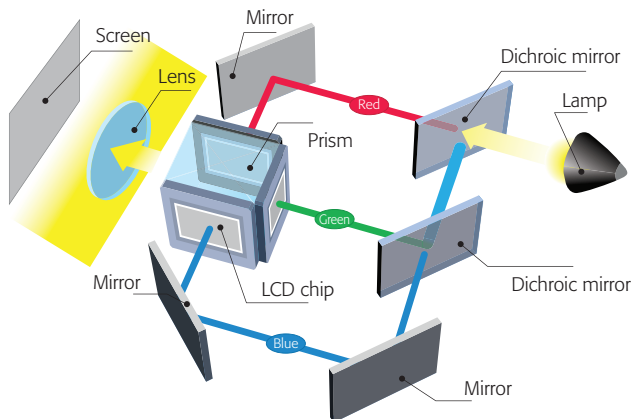
The best-selling projectors in the world.

Epson offers a wide range of high-quality projectors to meet almost any need. Built with image quality and reliability in mind, Epson projectors enhance communication and inspire collaboration, while offering a low total cost of ownership. From ultraportable projectors designed for educational settings to boardroom-ready business projectors, Epson has the model made for you.

The best selling projectors Epson Projectors #1 in the world

3LCD technology — for quality and color that's beyond amazing

Innovative technology with proven reliability

- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors[2]
- Road-tested reliability from a company with over 20 years of experience

3LCD

CERTIFIED 3 CHIP TECHNOLOGY

▲ 3LCD, 3-chip technology

Amazing light output

- 3500 lumens color light output and 3500 lumens white light output[1]
- High color light output for bright, balanced, colorful images
- White light output that's measured using ISO 21118 (a more rigid standard than the outdated ANSI lumens rating used by competitive products)

COLOR LIGHT OUTPUT 3500 LUMENS / WHITE LIGHT OUTPUT 3500 LUMENS

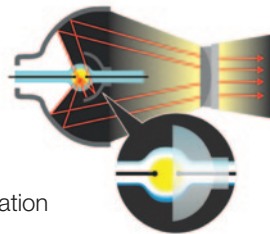High color light output   Low color light output

Actual photographs of images taken from two competing projectors run in default mode. Price, resolution and brightness (white light output) are the same for both projectors.

Energy-efficient E-TORL® lamp, exclusively from Epson

- Delivers more lumens per watt and lasts up to 3500 hours[3]
- Minimizes both light diffraction and light leakage
- E-TORL lamps maximize your presentation time, while minimizing your costs

▲ E-TORL lamp

3.74"
10.12"
14.1"

▲ Compact and portable design

Eco features

- Energy-efficient 3LCD light engine
- Energy-efficient E-TORL lamp
- Designed to be recycled[4]
- RoHS compliant

Better Products for a Better Future™

For more information on Epson's environmental programs, go to eco.epson.com

Precision control

USB Plug 'n Play instant setup

- No more pressing computer function keys or carrying bulky VGA cables
- Just plug in a standard USB cable and instantly project from your PC!
- This USB connection also enables you to maintain control over your presentation with the page up/page down function on the remote control

Fast, easy setup and control

- **Instant Off®** — no cool-down time required, so it's ready to shut down when you are
- **A/V Mute Slide** — control your presentation; it's right at your fingertips
- **Sleep Mode** — set from 1 to 30 minutes to save energy when the A/V Mute Slide is closed or no signal is detected
- **1.6x optical zoom** — offers great positioning flexibility
- **Direct Power On/Off** — power the projector on and off with the flip of a wall switch
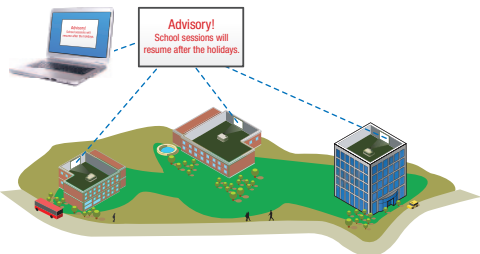
Epson's leading-edge EasyMP® Monitor network technology

Easy Management®

- Remotely access, monitor and control projectors over the network utilizing the included EasyMP Monitor software for centralized control
- Enjoy easy management and maintenance via Simple Network Management Protocol (SNMP)
- Send e-mail notifications to alert network administrators when there are issues related to the temperature, fan and lamp status

Message broadcasting

Broadcasts customized images/alerts over the network for announcements or instructions

PowerLite 1830 Features

- **Powerful sound and communication features, no added cost** — built-in 10 W speaker, RJ-45 LAN connection
- **Easy picture adjustments and greater positioning flexibility** — 1.6x manual zoom
- **Added security in any environment** — convenient metal anchor bar, control panel lockout
- **Easy maintenance** — easy, side-loading lamp and one-touch filter replacement
- **Protect your investment** — recommended 2500-hour filter cleaning cycle[5]
- **Outstanding support** — two-year limited warranty
- **Carrying case included** — for easy portability and protection when stored

Built-in closed captioning

- **Essential for education** — helps meet ADA508 requirements for students with hearing impairments
- **Helps save money** — no need to pay for an additional decoder and its installation
- **Effective and easy to use** — easily enabled or disabled through the projector remote or menu

Wired LAN connections

Enjoy greater flexibility and start your presentations in seconds with this enhanced connectivity. Connect your Mac® or PC notebook via the LAN and enjoy presentations over the network.
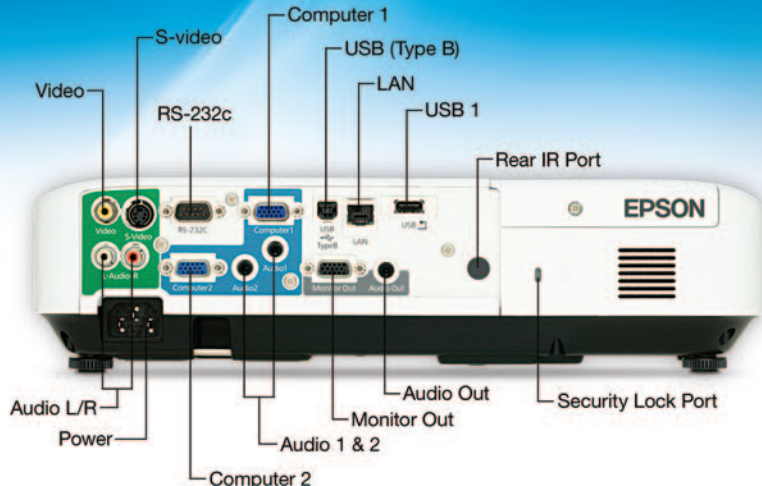
EPSON®
EXCEED YOUR VISION

Epson PowerLite® 1830
MULTIMEDIA PROJECTOR

Product Name	Product Code	UPC
PowerLite 1830	V11H341020	0 10343 87474 9
Replacement Lamp	V13H010L53	0 10343 87483 1
Replacement Air Filter	V13H134A24	0 10343 87484 8

Specifications

Projection System
Epson 3LCD, 3-chip optical engine

Projection Method
Front/rear/ceiling mount

Driving Method
Epson Poly-silicon TFT Active Matrix

Pixel Number
786,432 dots (1024 x 768) x 3

White Light Output[1]
3500 lumens (ISO 21118 Standard)

Color Light Output[1]
3500 lumens

Aspect Ratio
4:3

Native Resolution
1024 x 768 (XGA)

Resize
640 x 480 (VGA), 800 x 600 (SVGA),
1024 x 768 (XGA), 1440 x 900 (WSXGA),
1400 x 1050 (SXGA+), 1600 x 1200 (UXGA)

Lamp Type
E-TORL 230 W UHE

Lamp Life[3]
Up to 3500 hours (ECO Mode)
Up to 2500 hours (Normal Mode)

Throw Ratio Range
1.62 – 2.61

Size (projected distance)
30" – 300" 4:3 aspect (3' – 50.6')

Keystone Correction Automatic
Vertical: ± 30 degrees (manual or auto)

USB Plug 'n Play
Mac compatible via DVI to VGA adapter (not included)
USB Plug 'n Play for Windows® 2000 or later

Contrast Ratio
Up to 2000:1

Color Reproduction
16.77 million colors

Projection Lens

Type
Manual focus
Manual (optical) zoom

F-number
1.75 – 2.42

Focal Length
24 mm – 38.2 mm

Zoom Ratio
Optical zoom 1.0 – 1.6

Other

Display Performance
NTSC: 480 lines
PAL: 560 lines
(Depends on observation of the multi-burst pattern)

Input Signal
NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM

Interfaces
Computer/component video: D-sub 15 pin x 2
S-video: Mini DIN x 1
Composite video: RCA x 1
Audio in x 3 (RCA (L&R) x 1, mini stereo x 2)
Variable audio out: Mini stereo x 1
USB connector: Type B x 1 (USB display and mouse/
keyboard control), Type A x 1 (Epson doc camera)
Serial: RS-232c x 1
LAN networking: RJ-45 x 1
Monitor out: Mini D-sub 15 pin x 1

Speaker
10 W (mono)

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

Power Supply Voltage
100 – 240 V ±10%, 50/60 Hz

Power Consumption
341 W
Communication on: 5.5 W standby
Communication off: 0.2 W standby

Fan Noise
29 dB (ECO Mode)
37 dB (Normal Mode)

Security
Kensington®- style lock provision, security anchor bar

Dimensions (W x D x H)

Including feet: 14.1" x 10.12" x 3.74"
Excluding feet: 14.1" x 10.12" x 3.4"
Weight: 7.54 lb

Remote Control

Features
Search, comp, video, USB, power, aspect,
color mode, volume, e-zoom, A/V mute, freeze,
menu, page up and down, help, auto, mouse
functions, user, ID num, pointer, esc, enter

Operating Angle
Right/left: ± 30 degrees
Upper/lower: ± 30 degrees

Operating Distance
26' (8 m)

Accessory Part Numbers

Universal projector ceiling mount	ELPMBPJF
Advanced projector ceiling mount	ELPMBPRG
High-security projector ceiling mount	ELPMBATA
Adjustable suspended ceiling channel kit	ELPMBP01
False ceiling plate kit	ELPMBP02
Structural round celing plate	ELPMBP03
Adjustable extension column (pipe) 8" – 11"	ELPMBC01
Component to VGA video cable	ELPKC19
50" portable screen	ELPSC06
80" portable pop-up screen	ELPSC08
Duet™ screen	ELPSC80
Epson DC-06 document camera	V12H321001
Kensington security lock	ELPSL01
Distribution amplifier	ELPDA01
Replacement lamp	V13H010L53
Replacement air filter	V13H134A24

---

[1]Light output varies depending on modes (color and white light output). White light output measured using ISO 21118 standard.
[2]Data source: ProjectorCentral.com, Jan. 2009. Average of 796 shipping models, for which manufacturers provided lumens and total power data, all resolutions and brightness levels.
[3]Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.
[4]See our website for convenient and reasonable recycling options at www.epson.com/recycle
[5]Recommendation based on normal room conditions. Cleaning requirements may vary depending on use, environment and other conditions. Cleaning intervals may be adjusted to accommodate the environment in which the projector is used.