EPSON®
EXCEED YOUR VISION

PowerLite® 965 XGA
3LCD Projector

The advanced, ultra-bright projector for today's classroom

3x Brighter Colors[1], 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 965 has:

    Color Brightness — 3500 lumens[2]
    White Brightness — 3500 lumens[2]

Premium quality and installation flexibility — XGA resolution and a 1.6x optical zoom for great images, wherever you choose to install the projector

Manage your projector and present remotely — easy network connectivity; software included

Moderator software — wirelessly control which personal devices are displayed

Wireless — project from your iPhone®, iPad® and Android™ mobile devices with the Epson iProjection™ App[3]

HDMI digital connectivity — high-quality video and audio with just one cable

Easily engage your students — built-in 16 W speaker and microphone input; or, use external speakers, even in Standby Mode

3x
Brighter
Colors
with
Epson® Projectors[1]

3LCD

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

BUILT TO PERFORM™

PowerLite 965 XGA 3LCD Projector

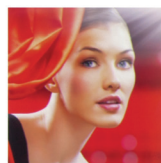## The advanced, ultra-bright projector for today's classroom

The PowerLite 965 provides the premium choice for today's classroom, with flexible installation features and advanced network connectivity. Offering 3x Brighter Colors[1] than competitive models, Epson 3LCD projectors ensure vivid lessons. With XGA resolution and 3500 lumens of color brightness and 3500 lumens of white brightness[2], the PowerLite 965 always ensures engaging lessons. A 1.6x optical zoom allows for great image quality and easy installation nearly anywhere. Project and control content from multiple devices and easily collaborate with everyone in the BYOD classroom. The PowerLite 965 is also equipped with HDMI connectivity and premium audio features.
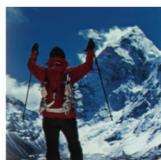
3x Brighter Colors with Epson[1]

Brilliant image quality requires high color brightness (color light output), and Epson 3LCD projectors have 3x Brighter Colors than leading competitive projectors.[1]

One brightness measurement (lumens) is not enough. A projector's specification needs to show both high color brightness and high white brightness. If color brightness is lower than white brightness, images may be dark, dull and lose detail. If not provided, be sure to ask for a projector's color brightness specification.

EPSON
High color brightness and high white brightness

COMPETITOR
Color brightness significantly lower than white brightness

Actual photographs of projected images from an identical signal source. Price, resolution and white brightness are similar for both projectors (Epson 3LCD and 1-chip DLP competitor). Both projectors are set to their brightest mode.

Epson®

Amazing image quality

9 OUT OF **10** PEOPLE **PREFER** IMAGES FROM **3LCD** PROJECTORS[5]

3LCD — The #1 projection technology in the world

- All 3LCD projectors have both high color brightness and high white brightness
- All 3LCD projectors have 3 chips
- 25% lower power consumption for lower energy costs[4]
- 20 years of road-tested reliability

Remarkable resolution for brilliant clarity and detail

Resolution defines the level of detail and depth you'll see in a projected image. It's measured as the number of pixels wide by the number of pixels high. The more pixels, the better the detail.

1.5x more resolution than SVGA

2x more resolution than SVGA

SVGA (800 x 600)
Meets basic projection needs

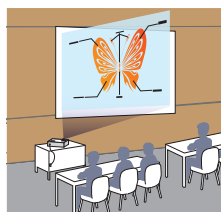**XGA (1024 x 768)**
Ensures sharper detail
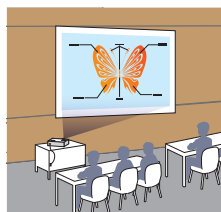
WXGA (1280 x 800)
Offers high-definition and is ideal for widescreen (16:10) displays

Easy to use

Flexible positioning

Without horizontal keystone

With horizontal keystone

Simple Setup Suite from Epson

Epson projectors offer a suite of innovative features that ensure flexible placement and fast, easy setup.

- **HDMI connectivity** Get both audio and brilliant video quality with just one cable. Compatible with the latest laptops, Blu-Ray® and media players.
- **Convenient lens control** Optimize the image size whether your projector is close to the screen or far away, with the 1.6x optical zoom.
- **Easy image adjustments** Position your projector almost anywhere and still get a correctly proportioned image, with keystone correction and easy-slide controls.
- **Quick Corner®** This innovative feature allows you to move any of the four corners of an image independently, to adjust each corner for a perfectly rectangular picture.
- **Advanced 3-in-1 USB Plug 'n Play instant setup** Instantly project audio and video from a PC or Mac® via a USB connection.
- **Quick, convenient control** Instant Off® means no cool-down time required; it's ready to shut down when you are.
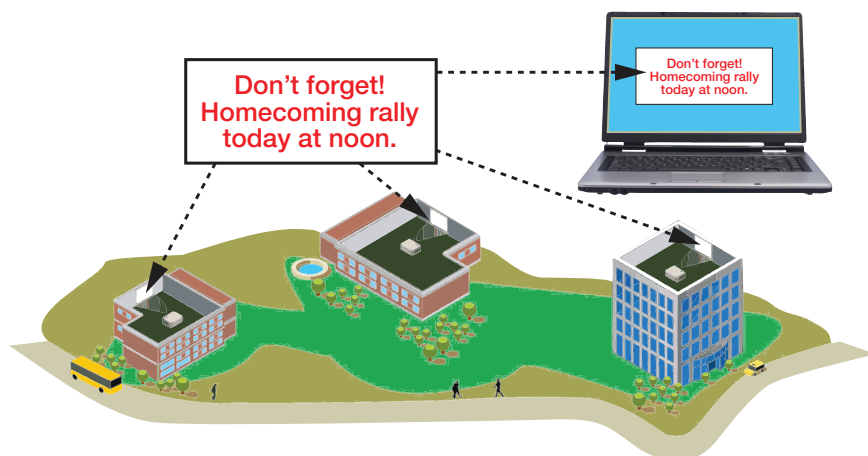
Built-in closed captioning

- Helps meet ADA 508 requirements for students with hearing impairments
- No need to pay for an additional decoder and its installation

Epson

Advanced connectivity

Networking features that take teaching to the next level

- Manage up to 1024 Epson networked projectors using the included EasyMP® software or Crestron® RoomView® — saves time and money

- Send updates or announcements remotely to up to 1024 Epson networked projectors using the Message Broadcasting plug-in for EasyMP

- Connect your projector to an access point to share it with the entire class, without running more cables

Share from your tablet or smartphone

Display from your iOS or Android mobile device with the free Epson iProjection App and any nearby wireless Epson projector.[3]
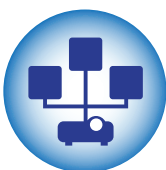
- Control your presentation with just a touch of the screen
- Advance through PowerPoint® or Keynote presentations
- Zoom in and out of PDF, Excel® and Word® documents
- Project Web pages and view brilliant, high-quality images

Free Epson iProjection App

Easy MP network projection

Choose the function/connection that's right for you

	SINGLE CONNECTION Wireless Ad Hoc*	GOOD RJ-45 Hardwired	BETTER Wireless Infrastructure*	BEST Hardwired RJ-45 with Access Point	Epson Software Needed
Message Broadcast		✔	✔	✔	Message Broadcasting Plug-In
Present Over the Network	✔**	✔	✔	✔	EasyMP Network Projection
Moderator Functionality		✔	✔	✔	Moderator Function
iOS or Android Wireless Connection	✔**		✔	✔	Epson iProjection App for iOS or Android
Projector Monitor and Control		✔	✔	✔	EasyMP Monitor Utility

*Optional wireless module required

**Internet access unavailable in Ad Hoc/Quick Connect mode. Not all Android devices are compatible. See owner's manual for capabilities.
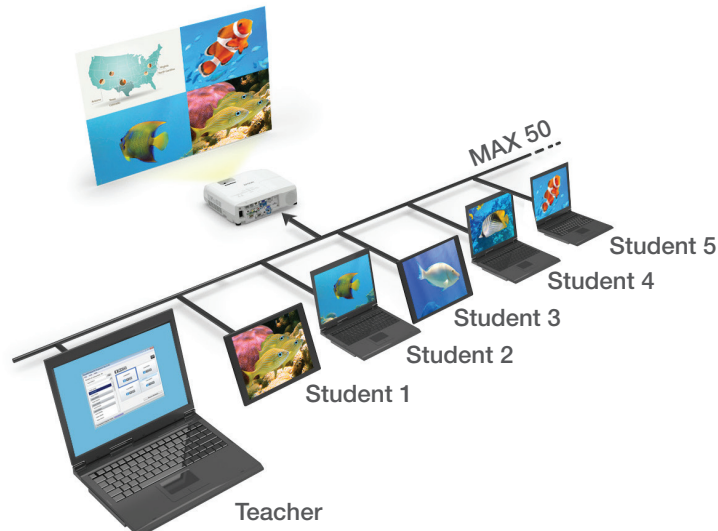
Epson

Classroom collaboration

Teaching tools

- Support BYOD classroom collaboration using Epson's Moderator software
    - Present up to four different device screens to the entire class
    - Connect up to 50 Windows®, Mac, iOS or Android devices
    - Encourage and control classroom collaboration
- Change presenters wirelessly via Windows, Mac, iOS or Android devices

Save energy and more

Energy-efficient, long-life lamp

- Epson lamps maximize viewing time while minimizing the total cost of ownership
- Epson's unique lamp design saves energy — lamp lasts up to 6000 hours[6]
- Replacement lamps available at a low cost

Energy saving features right at your fingertips

Easily conserve power

- **ECO mode** — operates the projector in a lower brightness setting
- **Sleep Mode (A/V Mute)** — control your presentation; it's right at your fingertips
- **Direct Power Off/On** — power the projector on/off with the flip of a wall switch
- **Standby audio out** — continue to pass audio out to an external speaker and play your audio even when the projector is "off" (in Standby Mode)
- **Standby microphones** — use a connected wired or wireless microphone, amplified through the built-in speakers, even while the projector is in Standby Mode
- **Schedule function** — control the projector at non-networked venues; the embedded "clock" inside the projector enables it to schedule tasks without having the "Network Standby Mode" on

PowerLite 965 XGA 3LCD Projector

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 Brightness²
Color Light Output: 3500 lumens

White Brightness²
White Light Output: 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), 1280 x 960 (SXGA2), 1280 x 1024 (SXGA3), 1366 x 768 (WXGA60-3), 1400 x 1050 (SXGA+), 1440 x 900 (WXGA+), 1680 x 900 (WXGA++), 1600 x 1200 (UXGA60)

Lamp Type 200 W UHE

Lamp Life⁶
Up to 6000 hours (ECO Mode)
Up to 5000 hours (Normal Mode)

Throw Ratio Range 1.38 (Zoom:Wide), 2.24 (Zoom:Tele)

Size (projected distance) 30" to 300" (0.76 to 7.6 m)

Keystone Correction
Vertical: ± 30 degrees (Automatic)
Horizontal: ± 30 degrees (Slider)

USB Plug 'n Play
Projector is compatible with PC and Mac computers

Contrast Ratio Up to 10,000:1
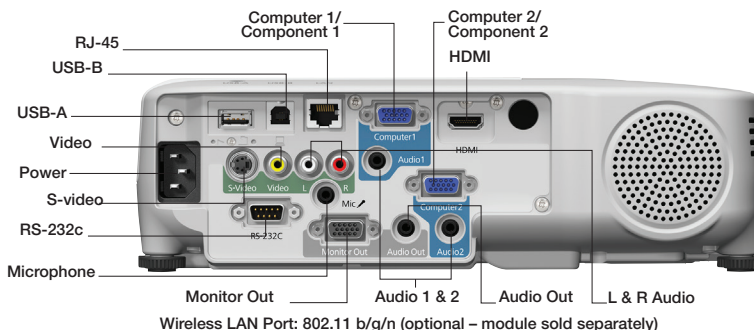
Color Reproduction Up to 1 billion colors

Projection Lens

Type Optical zoom (Manual)/ Focus (Manual)

F-number 1.58 – 1.72

Focal Length 16.9 – 20.28 mm

Zoom Ratio 1.0 – 1.2

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 AC ±10%, 50/60 Hz

Interfaces

Wireless LAN Port: 802.11 b/g/n (optional – module sold separately)

Other (continued)

Power Consumption
299 W (Normal Mode)
221 W (ECO Mode)
3.0 W Standby (Communication On)
0.24 W Standby (Communication Off)

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

Security Kensington®- style lock provision, padlock and security anchor bar

Dimensions (W x D x H)

Including feet 11.6" x 10.7" x 3.5"

Excluding feet 11.6" x 10.5" x 3.4"

Weight 6.4 lb (2.9 kg)

Remote Control

Features
Brightness, Contrast, Tint, Saturation, Sharpness, Input signal, Sync, Tracking, Position, Color temperature, Volume

Operating Angle
Right/left: ± 30 degrees
Upper/lower: ± 15 degrees

Operating Distance 19.7' (6 m)

Eco Features

RoHS compliant
Recyclable product⁷
Epson America, Inc. is a SmartWay℠ Transport Partner⁸

Support

The Epson Connection℠ Pre-sales support
(U.S. and Canada): 800-463-7766
Internet website: www.epson.com

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

What's In The Box

PowerLite 965 projector, power cord, computer cable (VGA), projector remote control, batteries, user manual CD, Quick Setup Sheet, warranty card, password protect sticker

Ordering Information

Product Name	Product Code
PowerLite 965 projector	V11H583020

Accessories	Product Code
Genuine Epson lamp (ELPLP78)	V13H010L78
Replacement air filter (ELPAF32)	V13H134A32
Soft carrying case (ELPKS67)	V12H001K67
Wireless LAN module (ELPAP07)	V12H418P12
Quick Connect USB key (ELPAP09)	V12H005M09

1 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.

2 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.

3 Check your owner's manual to determine if a separate 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.

4 Data source: ProjectorCentral.com Jan. 2013. Average of 1128 shipping models for which the manufacturers provided lumens and total power data, all resolutions and brightness levels. Energy efficiency was measured as wattage per lumen. It was measured for both 3LCD and 1-chip projectors in each of five brightness segments. 3LCD projectors averaged less required electricity per lumen in each of the five segments.

5 Among people who had a preference, 9 out of 10 preferred images from 3LCD projectors over leading 1-chip DLP business and education projectors. Leading projectors selected according to NPD data as of July 2013. Based on independent U.S. research conducted by Radius Research (July 2013).

6 ECO Mode is up to 6000 hours. Normal Mode is up to 5000 hours. Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

7 See our website for convenient and reasonable recycling options at www.epson.com/recycle

8- 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™
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3840 Kilroy Airport Way, Long Beach, CA 90806

Epson Canada Limited
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