

Multimedia Projector
EB-W29 / EB-97H / EB-945H / EB-955WH / EB-965H

SPECIFICATIONS		EB-W29	EB-97H	EB-945H	EB-955WH	EB-965H
Projection System		RGB liquid crystal shutter projection system				
Specification of LCD		0.59-inch with MLA (D8) / 0.55-inch without MLA (D8) / 0.63-inch with MLA (D7) / 0.59-inch with MLA (D8) / 0.63-inch with MLA (D7)				
Main Parts		Poly-silicon TFT active matrix				
Driving Method		Poly-silicon TFT active matrix				
Pixel Number		1024,000 dots (1,280 x 800) x 3		786,432 dots (1,024 x 768) x 3		1024,000 dots (1,280 x 800) x 3
Native Resolution		WXGA (16:10)		XGA (4:3)		WXGA (16:10)
Projection Lens		Manual Focus & 1.2x Optical Zoom F=1.58-1.72 / F=16.9-20.88mm		Manual Focus & 1.2x Optical Zoom F=1.58-1.72 / F=16.9-20.88mm		Manual Focus & 1.6x Optical Zoom F=1.51-1.99 / F=18.2-29.2mm
Lens Cover		Slide lens shutter (AV mute slide)				
Lamp		200 W UHE				
Life		5,000 hours (Brightness Control: Normal) / 10,000 hours (Brightness Control: Eco)				
Screen Size (Projected Distance) (Zoom: Wide)		33" to 320" [0.91 to 9.07 m]		30" to 300" [0.89 to 9.12 m]		33" to 280" [0.97 to 8.45 m]
Throw ratio: 1.30		Throw ratio: 1.48		Throw ratio: 1.38		Throw ratio: 1.38
Offset		10:1		8.6:1		8.6:1
Light Output*		3,000 lm / 2,100 lm		2,700 lm / 1,890 lm		3,000 lm / 2,100 lm
Color Light Output*		3,000 lm		2,700 lm		3,000 lm
Contrast*		10,000:1		8.6:1		10:0
Color Reproduction		Up to 1.07billion colors				
Sound Output		5W Monaural		16W Monaural		
AV mute		Yes				
Adjustment Function		Vertical Keystone Correction: -30 to +30 degrees (Auto)				
Horizontal Keystone Correction		-30 to +30 degrees (Slider)				
Color Temp.		Yes				
Color Adjustment		Yes				
Auto Iris		Yes (Dynamic, Theatre only)				
Quick Corner		Yes				
Split Screen		Yes				
E-Zoom		Yes				
ECO		Power Consumption: Yes (Normal, ECO)				
Light Optimizer		Yes				
Sleep Mode		Yes				
Sleep Mode Timer		Yes				
AV Mute Timer		Yes				
Standby Mode		Yes (Communication On, Off)				
Flip Horizontal		Yes				
Video I/O		IN Analog D-sub 15pin		2 (Blue molding)		1 (Yellow)
RCA						1 (Yellow)
Min DIN 4pin						1
Digital HDMI		1 (not supports MHL)		2 (One of terminal supports MHL)		
Out Analog D-sub 15pin		1 (Black molding) (Output signal: Computer 1 only)				
Audio I/O		IN 2 RCA (White x1, Red x1)		1		2
Stereo mini						1
Out Stereo mini						1
Mic. I/O		IN Stereo mini		N/A		1
Control I/O		RS-232C D-sub 9pin		1		
USB-I/O		Type A		1 (for USB Memory, USB Document Camera, Wireless LAN, Firmware update, Copy OSD Settings)		
Type B				1 (for USB Display, mouse, K/B, Control, Firmware update, Copy OSD Settings)		
Wired LAN		RJ45		1		
Network I/O		Wireless LAN TypeA (ELPAP07:Option)		1 (in common with USB-I/O)		
Wireless Specification (Optional Wireless LAN Unit use)		Supported Speeds for each mode		IEEE 802.11b: 11 Mbps* IEEE 802.11g: 54 Mbps* IEEE 802.11n: 130 Mbps*		
Supported mode				Adhoc, Infrastructure, Access Point		
Certification				Wi-Fi CERTIFIED (for Projector unit)		
Frequency type (modulations)				802.11b/g/n (2.4GHz) (DSSS/CCK, OFDM)		
Operating Temperature		5°C to 35°C <41 °F to 95 °F> (20% - 80% humidity, No condensation)				
Operating Altitude		0 m to 3,000 m <0 ft to 9,843 ft>				
Direct Power Off		Yes				
Start-up Period		about 5 seconds				
Cool-down Period		Instant off				
Exhaust Direction		Front				
Intake Direction		Side				
Air Filter		5,000H (*)				
Power Supply Voltage		Maintenance Cycle: 100 - 240 V AC +/- 10%, 50/60 Hz				
Power Consumption		220-240V Area Lamp On/Energy Saving		273W / 0.26W		287W / 0.26W
Dimension		Exclude Feet (W x H x D)		297 x 87 x 244 mm		297 x 87 x 269 mm
Weight		Approx. 5.8 lbs. / 2.6kg		Approx. 6.0 lbs. / 2.7kg		Approx. 6.4 lbs. / 2.9kg
Fan Noise		Power consumption: Normal / ECO		37 dB / 29 dB		

Light Output / Color Light Output (Compliant with IDMS15.4) / Contrast - Color mode: Dynamic, Zoom: Wide () When used in the general office environment (the amount of floating dust: 0.04-0.2 mg/m³). Based on the Epson's in-house test results.
 *Maximum speed and range is achievable when used with same enhanced mode technology. Actual data rates, features and performance may vary depending on your computer system, the environment and other factors.

Optional Accessories

ELPLP88	Spare Lamp
ELPAF32	Air Filter Set
ELPKS67	Soft Carrying Case
ELPAP07	Wireless LAN Unit
ELPAP09	Quick Wireless Connection USB Key

WARRANTY SERVICE

2 Years Onsite Warranty Service to be provided for local purchase only.
EPSON COVERPLUS # The warranty service can be extended by purchasing Epson Coverplus Extended Warranty. For more information, please contact Epson customer support.

Bold, Bright, Beautiful...3LCD Technology

3LCD technology achieves bright, natural images and smooth, sharp video playback. No color break-up makes images gentle on eyes.



Optical unit with high light-use efficiency

EPSON EXCEED YOUR VISION
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Make the classroom a fun place to be with more effective lessons

Multimedia Projector

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Easy and flexible usability

Contrast Ratio

With a stunningly bright 3500 lumens* and a 10000:1 contrast ratio you can project beautiful well-defined images wherever you are, regardless of ambient light. (*EB-965H only)

3500lm
Color Light Output
10000:1
contrast



1.6x Zoom Lens (EB-945H / 955WH / 965H)

The wide 1.6x zoom lens allows for greater flexibility of placement around the room.



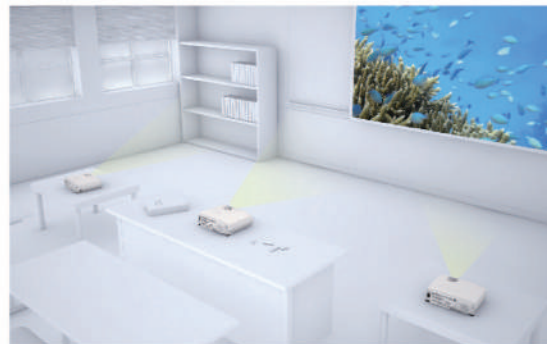
Front Exhaust

The front exhaust helps to direct the hot exhaust away from your audience for more comfortable meetings and presentations with less distraction.



Horizontal Keystone Adjuster

The Horizontal Keystone Adjuster allows for intuitive horizontal keystone correction. This convenient adjustment feature corrects image distortion with a single touch for a broad range of placement options. Images can be enjoyed quickly and beautifully anywhere you choose.



Enhanced Audio

16W Built-in Speaker (EB-97H / 945H / 955WH / 965H)

The built-in 16W speaker provides ample sound even in large rooms and removes the need to prepare external speakers, saving both valuable time and money. It also supports audio standby with which both internal speaker and audio output. With the audio standby function, the internal speaker can be operated even the projector is switched off.



Auto Power On

Projection starts automatically when a signal from the computer is received while the projector is in standby. There is no need to turn on the power using the remote control or the power button on the projector itself.



Advanced operation with wider connectivity

Wide-ranging Connectivity (MHL is only available in EB-97H / 945H / 955WH / 965H)

Depending on the situation, you can choose from a variety of connection methods including HDMI, VGA and LAN. Furthermore, it is now equipped with 2 HDMI ports (the HDMI 2 port is MHL compatible) for more complete digital compatibility.



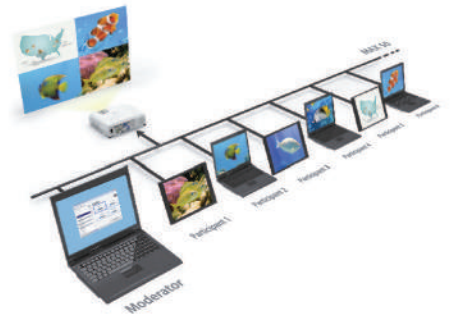
Wireless Connection

You can transfer images easily with the optional ELPAP07 wireless module. Also, using the "Epson iProjection" application allows you to display images and files from your smart devices. This is a convenient solution for smooth and smart projection.



Improved Multi PC Projection

The Multi PC Projection feature allows a network of up to 50 PCs to be connected to a single projector. The newest version of this feature allows a host PC to act as a Moderator who can then select up to 4 of these connected computers and project their screens. The addition of a Moderator helps to maintain control and prevents tampering with the projected screen.



Firmware Update via USB & Network

Firmware updates can now be done on site by simply inserting a USB memory stick with the necessary updates. This means the update can be done with the projector still installed without having to take it to a service center and rendering it unusable. Updates can also be done over a LAN network or via USB-B connection.



Direct Connection with Document Camera

A direct connection with document cameras makes set-up quick and easy with less preparation necessary.



Low TCO

Long Lamp Life 10000h

The long 10000H lamp life saves time and money by reducing the frequency of costly lamp replacements. However, when a lamp does require changing it can be done quickly and easily even in ceiling mounted applications.



Split Screen

Split Screen allows inputs from two separate sources to be displayed side by side on the same screen. For example, images from a document camera and an electronic textbook could be projected at the same time.

