

## Specifications for Epson EB-945H

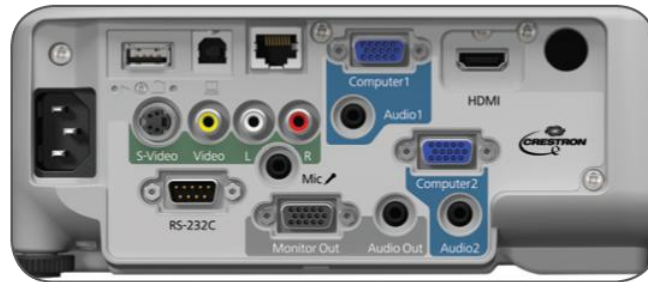


<b>MODEL NUMBER</b>	<b>EB-945</b>
<b>Projection Technology</b>	RGB liquid crystal shutter projection system (3LCD)
<b>Specifications of Main Parts</b>	
LCD:	
Size	0.63" with MLA (D7)
Native Resolution	XGA
Projection Lens:	
Type	Optical Zoom (Manual) / Focus (Manual)
F-Number	1.51 - 1.99
Focal Length	18.2 - 29.2 mm
Zoom Ratio	1 - 1.6
Throw Ratio	1.38 - 2.24 (Wide - Tele)
Lamp	
Type	200W UHE
Life*1 (Normal/Eco)	5,000 hours / 6,000 hours
<b>Screen Size (Projected Distance)</b>	
Zoom : Wide	30" - 300" [0.84 - 8.4 m]
Zoom : Tele	30" - 300" [1.36 - 13.9 m]
Standard Size	60" screen 1.69 - 2.75 m

<b>Brightness*2</b>	
Colour Light Output	3,000lm
White Light Output (Normal/Eco)	3,000lm / 2,100lm
<b>Contrast Ratio</b>	10,000:1
<b>Internal Speaker(s)</b>	
Sound Output	16W Monaural
<b>Keystone Correction</b>	
Vertical / Horizontal	$\pm 30^\circ$ / $\pm 30^\circ$
Auto Keystone Correction	Yes (Vertical)
<b>Connectivity</b>	
Analog Input	
D-Sub 15 pin	2 (Blue)
Component	D-Sub 15pin x 2 (Blue molding) (common with Analog RGB connector)
Composite	RCA x 1 (Yellow)
S-Video	Mini DIN x 1
Digital Input	
HDMI	1
Output Terminal	
D-Sub 15pin	1 (Black molding) (Output signal: Computer 1 only)
Audio Input	
RCA (White/Red)	1 Pair
Stereo Mini Jack	2
Audio Output	
Stereo Mini Jack	1
Others	
USB Type A	1
USB Type B	1
Microphone Input	1
Control I/O	
RS-232C	D-sub 9pin x 1

USB	Type B
Network	
Wired LAN	RJ45 x 1, 100Mbps
Wireless	ELPAP07
<b>Wireless Specifications</b>	
Supported Speed For Each Mode* <sup>3</sup>	IEEE 802.11b: 11 Mbps, IEEE 802.11g: 54 Mbps, IEEE 802.11n: 130 Mbps
Wireless Lan Security	WPA/WPA2-Personal (with optional Wireless LAN Unit)
<b>Operating Temperature</b>	5 - 35 °C <41 - 95 °F> (0m / 0ft - 2,286m / 7,500ft) 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500ft) (20% - 80% humidity, unfrozen)
<b>Operating Altitude</b>	0 - 3,000 m <0 - 9,843 ft> (over 1,500m / 4,921ft: with high altitude mode)
<b>Direct Power On / Off</b>	Yes
<b>Start-Up Period</b>	About 5 seconds, Warm-up Period: 30 seconds
<b>Cool Down Period</b>	Instant Off or 0 second
<b>Air Filter</b>	
Type	Normal (ELPAF32)
Maintenance Cycle	3,000 hours* <sup>4</sup>
<b>Power Supply Voltage</b>	100 - 240 V AC ±10%, 50/60 Hz
<b>Power Consumption (220 - 240V)</b>	
Lamp On (Normal / Eco)	287W / 215W
Stand By (Network On / Off)	3.1W / 0.29W
<b>Dimension Excluding Feet (D x W x H)</b>	269 x 297 x 87 mm
<b>Weight</b>	2.9kg
<b>Fan Noise (Normal / Eco)</b>	37dB / 29dB

## Connections



- \*<sup>1</sup> Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.  
Colour brightness (colour light output) and white brightness (white light output) will vary
- \*<sup>2</sup> depending on usage conditions. Colour light output measured in accordance with IDMS 15:4; white light output measured in accordance with ISO 21118.  
Maximum speed and range is achievable when used with same enhanced mode technology.
- \*<sup>3</sup> Actual data rates, features and performance may vary depending on your computer system, the environment and other factors.
- \*<sup>4</sup> When used in the general office environment (the amount of floating dust: 0.04 - 0.2 mg/m<sup>3</sup>). Based on the Epson's in-house test results. 25°C (77°F).



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