

# EPSON EMP-5600 Specifications

<b>Model</b>	EMP-5600
<b>Projection System</b>	RGB Liquid Crystal Shutter Projection System
<b>Projection Method</b>	Front / Rear / Ceiling Mount
<b>Specification of Main Parts</b>	
LCD	
Size	1.3 inches (x3)
Driving Method	Poly-Silicon TFT Active Matrix
Pixel Number	480,000 dots (800x600)x3
Native Resolution	SVGA
Aspect Ratio	4:3
Pixel Arrangement	Stripes
Projection Lens	
Type	Manual : zoom / Focus
F-number	1.7 to 2.3
Focal Length	49 to 63 mm
Zoom Ratio	1:1.3
Lens cover	It's attached by the string
Lamp Type	200W UHE
Optical System	Dichroic Mirror Separation & Prism Combine Method
<b>Screen Size</b> (Projected Distance)	22 to 300 inch (1.0 to 14.6m)
<b>Keystone Correction Ratio</b>	19:1Fixed
<b>Brightness</b>	2200 ANSI Lumens
<b>Contrast Ratio</b>	300:1
<b>Brightness Uniformity</b>	85%
<b>Color Reproductivity</b>	Full Color (1,677 Million Colors)
<b>Sound Output</b>	3W + 3W
<b>Effective Scanning Frequency Range</b>	
Pixel Clock	14Mhz to 230Mhz
Horizontal	15KHz to 92KHz
Vertical	43Hz to 120Hz
<b>Adjustment Function</b>	
Projector / Remote Control	Keystone / Brightness / Contrast/ Tint / Sound / Input signal etc.
Tilt Angle	0 to 11 Degrees
Keystone correction	-30 to +50 Degrees
<b>Analog RGB I/O</b>	
Display Performance	
Native	800 x 600 dots
Resize	1280x1024 / 1024x768 / 640x480 dots
Input Signal	
Signal Type	Separate Signal
Video Signal	Analog (0.7Vp-p, 75Ω / Mac0.714Vp-p, 75Ω)

<p>Sync Signal</p> <p>Audio Signal</p> <p>Input Terminal Video</p> <p>Audio</p> <p>Output Signal Video Signal</p> <p>Sync Signal</p> <p>Output terminal Video</p>	<p>Separation (positive &amp; negative 1/5Vp/p) / Composite (positive &amp; negative 1/5Vp/p) / Sync. on green (negative, 0.2/0.4Vp/p)</p> <p>500m Vrms / 47k</p> <p>Mini D-sub 15 pin x1 (Select with manual switch exclusive to DVI Type D)</p> <p>Stereo Mini Jack (for Mini D-sub 15 pin)</p> <p>Analog (0.7Vp/p, 75 <math>\Omega</math> / Mac0.714/p, 75<math>\Omega</math>)</p> <p>Separation (positive &amp; negative TTL) / Composite (positive &amp; negative TTL) / Sync-on-green (negative, 0.2-0.4Vp/p)</p> <p>Mini D-sub 15 pin x1</p>
<p><b>Digital RGB Input</b></p> <p>Display Native Resize</p> <p>Input Signal Video Signal Audio Signal Input Terminal Video</p> <p>Audio</p>	<p>800 x 600 dots 1280x1024 / 800x600 / 640x480 dots</p> <p>Digital 500m Vrms / 47k</p> <p>DVI Type D x1 (Select with manual switch / Exclusive to D-sub 15) Stereo mini jack</p>
<p><b>Video I/O</b></p> <p>Display Performance</p> <p>Input Signal Video Standard</p> <p>Video Signal</p> <p>Audio Signal Input Video</p>	<p>NTSC : 550 Line    PAL : 550 Line</p> <p>NTSC / NTSC4.43 / NTSC 50 / PAL / M-PAL / N-PAL / PAL60 / SECAM Composite Video (1.0Vpp / Sync. negative, 75<math>\Omega</math>) / S-video (Luminous 0.714pp, Chrominous 0.286Vpp, 75<math>\Omega</math>) / Component Video (Analog Y level 0.7V 75<math>\Omega</math> / CrCb level+ / -0.35V 75<math>\Omega</math>/ sync. negative 0.3V or 3-state+ / -0.3V on Yz) / Video-RGB (0.7Vp/p, 75<math>\Omega</math> / MA)</p> <p>500m Vrms / 47k</p> <p>Composite Video: RCA x1 / S-video: Mini Din x 1 / Composite Video: MiniSub 15pin x1 / Video RGB: Mini Din-sub 15 pin x1 common with Component Video.</p>

<p>Audio</p> <p>Output Signal Video Signal</p> <p>Output Terminal Video</p>	<p>RCAx2 (for composite Video / S-video / component Video) / Stereo mini jack (for Video-RGB)</p> <p>Analog RGB (Composite Video, S-Video, Component Video, Video-RGB are Converted to Analog RGB) / Separate HV(TTL)</p> <p>Mini Dsub 15 pin x1 (Common with Analog RGB)</p>
<p><b>Control I/O</b></p> <p>Mouse / Serial I/O Terminal</p> <p>Mouse Input</p> <p>Remote Control Output</p>	<p>D-Sub9 pin (RS-232C) x1 Round 10pin x1 (PS/2, USB)</p> <p>Stereo Mini Jack Stack Out</p>
<b>Operating Temperature</b>	5°C to 40°C (41° to 104° F)
<b>Power Supply Voltage</b>	100-120V / 200-240V AC ±10%, 50 / 60Hz AC
<b>Power Consumption</b>	120V 3.4A 50/60Hz / 200-240V 1.7A 50/60 Hz
<p><b>Dimension</b></p> <p>Exclude Projection Lens &amp; Feet Maximum Dimensions</p>	<p>277 (W) x 143 (H) x 361 (D) mm 280 (W) x 156 (H) x 403 (D) mm</p>
<b>Weight</b>	14.9lbs / 6.8kg
<b>Accessories</b>	<p>Power cable (3m), Computer Cable (1.8m), Audio Cable (RCA Audio-Cable, 1.8m/3.5 mini-pin stereo audio-cable), Audio Video Cable (RCA Composite-video-cable 1.8m), Remote Control Unit, Battery (AA x 2), User's Manual, PS/2 Mouse Cable (Round 10pin-Mini-Din 6pin), USB Mouse Cable (Round 10pin-USB 4pin)</p>