



# Epson EMP-X56 Specification Sheet

## Entry Level Multimedia Projector

**Epson EMP-X56 V11H307053**

Value and Outstanding Performance

### PROJECTION SYSTEM

RGB Liquid Crystal Shutter Projection System

### PROJECTION METHOD

Front / Rear / Ceiling Mount

### SPECIFICATION OF MAIN PARTS

LCD	Size	0.63 inches without MLA
	Driving method	Poly-Silicon TFT Active Matrix
	Pixel number	786,432 pixels (1024 x 768) x 3
	Native resolution	XGA
	Aspect ratio	4:3
	Pixel arrangement	Cross Stripe

PROJECTION LENS	Type	Manual: zoom / focus
	F-number	1.6 -1.74
	Focal length	18.4mm - 22.12mm
	Zoom ratio	1.0 ~ 1.2 Optical

LAMP	Type	170W UHE
	Life	4000Hr ( Low Brightness )
		3000Hr ( High Brightness )

### OPTICAL SYSTEM

Dichroic Mirror Separation & Prism combine method

### SCREEN SIZE (PROJECTED DISTANCE)

30 to 300 inch [1.01 to 10.42m] (Zoom: Tele),  
30 to 300 inch [0.84 to 8.66m] (Zoom: Wide)

### BRIGHTNESS

High Brightness Mode	2600 ANSI lumens	(Colour mode: Game, Zoom: Wide)
Low Brightness Mode	2080 ANSI lumens	(Colour mode: Game, Zoom: Wide)

**CONTRAST** 400:1

**BRIGHTNESS UNIFORMITY** 90% (Typ.)

**COLOUR REPRODUCTIVITY** Full colour (16.77 million colours)

**VIDEO QUALITY** Simple Interlace-Progressive conversion

**SOUND OUTPUT** 1W monaural

### EFFECTIVE SCANNING FREQUENCY RANGE (ANALOG)

PIXEL CLOCK	13.5MHz to 162MHz up to UXGA 60Hz
HORIZONTAL	15KHz to 92KHz
VERTICAL	50Hz to 85Hz

### ADJUSTMENT FUNCTION

PROJECTOR / REMOTE CONTROL Brightness / Contrast / Tint / Saturation / Sharpness / Input Signal Colour Temperature / Tracking / Position / Sharpness / Volume e.t.c.

FOOT ADJUSTER Front-center

TILT ANGLE 0 to 11 degrees

KEYSTONE CORRECTION Vertical: -30 to +30 degrees

PASSWORD PROTECTED (security function) Implemented

**CONTROL I/O** USB I/O TYPE B X 1 (FOR MOUSE CONTROL)

### OPERATING TEMPERATURE

5°C to 35°C (41°F to 95°F) > (20%-80% Humidity )

**COOL-DOWN PERIOD** "INSTANT OFF"

**START-UP PERIOD** APPROX. 5 SEC. (WARM UP 30 SEC.)

### ANALOGUE RGB I/O

DISPLAY PERFORMANCE	Native	1024 x 768 pixels
INPUT SIGNAL	Signal type	Separate signal
	Video signal	Analogue (0.7V p-p, 75ohm / Mac 0.714Vp-p, 75ohm)
	Sync. signal	Separate (positive & negative, bi-polarity 2-5 Vpp) / Composite (positive & negative, bi-polarity 2-5Vpp) / Sync-on-green (negative, 0.3Vpp)
	Audio signal	500mVrms / 47k-ohm
INPUT TERMINAL	Video	D-sub 15pin x 1 (Blue moulding)
	Audio	RCA x 1 (White/Red)
OUTPUT SIGNAL	Video	Analog (0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm)
	Sync.	Separate (positive & negative, TTL) / (positive & negative, TTL) /
	Composite	(negative 0.2 - 0.4Vpp)
	Sync. on green	(negative 0.2 - 0.4Vpp)
OUTPUT TERMINAL	Video	D-sub 15pin x 1 (Blue moulding)

### VIDEO I/O

DISPLAY PERFORMANCE	NTSC: 480 line PAL: 560 lines (Depends on observation of the multi burst pattern)	
INPUT SIGNAL	Video standard	NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM
	Video signal	Composite Video (1.0Vpp / Sync. negative, 75ohm) / S-Video (Luminous 0.714Vpp, Chrominous 0.286Vpp, 75ohm) / Component Video (Analog Y level 0.75V 75ohm / Cr Cb level +/-0.35V 75ohm / sync. negative 0.3V or 3-state +/-0.3V on Y)
	Video-RGB	(0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm)
	Audio signal	500mVrms / 47k-ohm
INPUT TERMINAL	Video	Composite Video: RCA (Yellow) x1
		S-Video: Mini DIN
	Component Video:	D-sub 15pin (Blue moulding)
	Audio	RCA x 2 (White/Red)

**POWER SUPPLY VOLTAGE** 100-240V AC±10% 50/60HZ

### POWER CONSUMPTION

100-240VAC 2.7-1.1A 50/60Hz  
248W/231W (Lamp on) 4.1Ww/5.8W (standby, network off)

### DIMENSIONS

EXCLUDE FEET 245(D) x 327(W) x 92(H) mm  
MAXIMUM DIMENSION 245(D) x 327(W) x 108(H) mm

**WEIGHT** Approx. 2.7kg

### FAN NOISE

HIGH BRIGHTNESS MODE 35dB  
LOW BRIGHTNESS MODE 28dB

### WARRANTY

STANDARD WARRANTY 2 years\*

\*excluding lamp  
\* For more information visit Epson Projector Warranty Website

### ACCESSORIES

POWER CORD	3.0m
COMPUTER CABLE	1.8m, D-sub 15pin (Male)-Mini D-sub 15pin (Male)
REMOTE CONTROL	Included
SOFT CARRYING CASE	Included
PASSWORD PROTECT STICKER	Included
AIR FILTER	Included
OWNER'S MANUAL	CD-ROM

PRODUCT OPTIONS	ITEM CODE	DESCRIPTION
	V13H010L42	Lamp
	7012083	Ceiling mount with telescopic pole
	7012084	Ceiling mount standard
	3YWEMPX56	3rd Year Warranty