



# Epson EB-W6

## Specification Sheet

### Entry Level Multimedia Projector

**Epson EB-W6** V11H285453

Designed for enjoying larger than life images that fill your office, classroom or home. The new EB-S6 Projector provides improved brightness, superb image quality all at an affordable price.

**PROJECTION SYSTEM** RGB Liquid Crystal Shutter Projection System

**PROJECTION METHOD** Front / Rear / Ceiling Mount

#### SPECIFICATION OF MAIN PARTS

LCD	Size 0.56 inches without MLA Driving method Poly-Silicon TFT Active Matrix <b>Pixel number</b> 1,024,000 pixels (1280 x 800) x 3 <b>Native resolution</b> WXGA Aspect ratio 16:10 Pixel arrangement Cross Stripe Refresh Rate 50Hz-60Hz
PROJECTION LENS	Type Manual zoom / Manual focus F-number 1.60 - 1.74 Focal length 18.4mm - 22.12mm Zoom ratio 1.0 - 1.2
LAMP	Type 170W UHE Life 4000Hr ( Low Brightness )# 3000Hr ( High Brightness )#

#Subject to operation and environmental conditions.

**OPTICAL SYSTEM** Dichroic Mirror Separation & Prism combine method

#### SCREEN SIZE (PROJECTED DISTANCE)

	27 to 270 inch [1.0 to 10.4m] (Zoom: Tele), 27 to 270 inch [0.87 to 8.7m] (Zoom: Wide)
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#### BRIGHTNESS

High Brightness Mode	2000 ANSI lumens (Colour mode: Game, Zoom: Wide)
Low Brightness Mode	1590 ANSI lumens (Colour mode: Game, Zoom: Wide)

**CONTRAST** 2000:1 (Auto Iris On)

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

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

**VIDEO QUALITY** Simple Interlace-Progressive conversion

**SOUND OUTPUT** 7W 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-centre
TILT ANGLE	0 to 11 degrees
AUTO KEYSTONE CORRECTION	Vertical: -30 to +30 degrees
PASSWORD PROTECTED FUNCTION	(security function) Implemented

#### OTHER FUNCTION

USB Display USB Display Ver.1.40 (for Windows)

#### VIDEO I/O

DISPLAY PERFORMANCE	NTSC: 560 lines, PAL: 560 lines (Depends on observation of the multi burst pattern)
INPUT SIGNAL	<b>Video standard</b> NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM <b>Video signal</b> 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) <b>Audio signal</b> 500mVrms / 47k-ohm <b>Video</b> Composite Video: RCA (Yellow) x1 S-Video: Mini DIN Component Video: D-sub 15pin (Blue moulding) <b>Audio</b> RCA x 2 (White/Red)
INPUT TERMINAL	

#### CONTROL I/O

USB I/O	<b>I/O Terminal</b> Type B x 1 (for mouse control) <b>I/O Speed</b> USB Type B Ver. 2.0
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#### MEMORY I/O

USB I/O	<b>I/O Terminal</b> USB Type A x 1 (for USB memory) <b>I/O Speed</b> USB Type A Ver. 1.1
SD I/O	<b>I/O Terminal</b> SD Memory card slot x 1 <b>I/O Speed</b> High Speed

#### ANALOGUE RGB I/O

DISPLAY PERFORMANCE	Native 1280 x 800 pixels
INPUT SIGNAL	<b>Signal type</b> Separate signal <b>Video signal</b> Analogue (0.7V p-p, 75ohm / Mac 0.714Vp-p, 75ohm) Separate (positive & negative, bi-polarity 2-5 Vpp) <b>Sync. signal</b> Composite (positive & negative, bi-polarity 2-5Vpp) Sync-on-green (negative, 0.3Vpp) <b>Audio signal</b> 500mVrms / 47K-ohm
INPUT TERMINAL	<b>Video</b> D-sub 15pin x 1 (Blue moulding) <b>Audio</b> RCA x 1 (White/Red)
OUTPUT SIGNAL	<b>Video</b> Analog (0.7Vpp, 75ohm / Mac 0.714Vpp, 75ohm) <b>Sync.</b> Separate (positive & negative, TTL) / Composite (positive & negative, TTL) / Sync. on green (negative 0.2 - 0.4Vpp)
OUTPUT TERMINAL	<b>Video</b> D-sub 15pin x 1 (Blue moulding)

#### HDMI

DISPLAY PERFORMANCE	<b>Native</b> 1280 x 720 (720p)
INPUT SIGNAL	<b>Version Capabilities</b> Ver 1.3a (Specific features IS NOT supported) <b>Video standard</b> 480i / 576i / 480p / 576p / 720p / 1080i / 1080p <b>Video signal</b> TMDS(TMDS is signal for HDMI) <b>Audio signal</b> Linear PCM <b>Input Terminal</b> HDMI x 1 <b>HDCP</b> Supported

**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 seconds (warm up 30 seconds)

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

#### POWER CONSUMPTION

	100-240VAC 2.8-1.5A 50/60Hz Lamp 246W/231W (Lamp on) 3.0W/4.3W (standby)
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#### DIMENSION

	EXCLUDE FEET 245(D) x 327(W) x 92(H) mm MAXIMUM DIMENSION 245(D) x 327(W) x 101(H) mm WEIGHT Approx. 2.8kg
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#### FAN NOISE

	LOW BRIGHTNESS MODE 35dB HIGH BRIGHTNESS MODE 28dB
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#### ACCESSORIES

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

#### PRODUCT OPTIONS

Item Code	Description
V13H010L41	Lamp
7012083	Ceiling mount with telescopic pole
7012084	Ceiling mount standard
3YWEBW6	3rd Year Warranty