

# Data sheet

## BenQ W1090

Home cinema projector

- Full HD 1920 x 1080 / 16:9
- 2.000 ANSI-Lumen
- 3D via HDMI
- 1,3x Zoom



CinemaMaster™  
Audio+



### Technology

Type : DLP™  
Native Resolution: Full HD 1920 x 1080  
Brightness: 2,000 ANSI-Lumens  
max. Contrast : 10,000:1  
Display Color: 1.07 Bil.  
Aspect Ratio: Physical 16:9 (5 aspect ratio selectable)  
Cooling system : Side ventilation, Quick cooling

### Lamp

Type : 210 W  
Lamp life : 3.500h Normal  
6.500h Smart Eco Mode

### Objectiv

Warranty : 12 Months or 2000h  
Characteristics : Manual Zoom  
Image Size (Diagonal): 1.52 m – 7.62 m  
Lens: F=2.59 - 2.87, f=16.88-21.88 mm  
Throw ratio: 1.15-1.5  
Zoom : 1,3:1

### Signal

Video Compatibility: NTSC/ PAL/SECAM  
Video - Modi : 480i, 480p, 576i, 576p, 720p, 1080i, 1080p  
PC Resolution : VGA (640 x 480) bis WUXGA (1920 x 1200)  
Frequencies H/V : 15-102 kHz / 23-120 Hz

Input : HDMI 2 x (1 x HDMI, 1 x HDMI mit MHL)  
Composite Video in 1 x RCA Cinch  
Component Video in 1 x  
Computer in 1 x D-Sub 15 pin  
USB 2 x 1x Type A / 1x Mini Type B  
Audio in 2 x 1x Mini Jack / 1x L/R Cinch  
Serial input : RS232 1 x D-Sub 9 pin  
Output : Audio out 1 x Stereo Mini Jack

Speaker : 10 W x 1

### Control

Functions : 3D via HDMI Brilliant Color™, 3-D-Colormanagement, High altitude mode, Key log, Auto Off, Password security, Quick cooling, Auto Keystone, 6x (RGBRGB) color wheel, WFHD Kit (optional)

### Security

OSD: 28 Languages  
Remote : IR-Remote Control  
Certificates : CE, TÜV-Bauart

### Energy

Power Supply : 100-240 VAC, 50/60 Hz  
Power Consumption : Max. 270 Watt , Standby <0.5 Watt

### Characteristics

Dimensions (W x H x D): 346.2 x 101.7 x 214.8 mm  
Weight : 2.65 kg  
Audible Noise : 34 dB (A) im Normalmodus  
29 dB (A) im ECO-Mode  
Projektionsposition : Front-, Back-, Table- und Ceiling projection  
Environment : + 0 ~ +40°C / 10 ~ 90 % Humidity  
Standard accessory : Manual-CD, Remote Control incl. Battery, Power Cable, Quick Start Guide  
Warranty card  
Optional accessory : Carry bag, Spare bulb, 3D glasses, WFHD Kit  
Warranty and Service : 24 Months Warranty

