



## BenQ TH690ST Short throw projector 2300 ANSI lumens LED 1080p (1920x1080) Black, White



**Brand :** BenQ

**Product code:** 9H.JPS77.17E

**Product name :** TH690ST

2300 lm, (1920x1080), 16:9, 140W, 2x RMS 5W, 2x HDMI  
BenQ TH690ST. Projector brightness: 2300 ANSI lumens, Projection technology: LED, Projector native resolution: 1080p (1920x1080). Light source type: LED, Service life of light source: 20000 h, Service life of light source (economic mode): 30000 h. Focal length range: 10.2 - 12.24 mm, Aperture range (F-F): 2.6 - 2.78, Zoom ratio: 1.2:1. Supported graphics resolutions: 640 x 480 (VGA), 3840 x 2160, Supported video modes: 1080p. Serial interface type: RS-232, HDMI connector type: Full-size, HDMI version: 2.0b

Projector		Network	
Supported aspect ratios	16:9	Smart TV *	✗
Projector brightness *	2300 ANSI lumens	Ethernet LAN *	✗
Projection technology *	LED	Wi-Fi *	✗
Projector native resolution *	1080p (1920x1080)		
Contrast ratio (typical) *	500000:1		
Native aspect ratio *	16:9		
Number of colours	1.07 billion colours		
Horizontal scan range	15 - 135 kHz		
Vertical scan range	23 - 120 Hz		
Keystone correction, horizontal	30°		
Keystone correction, vertical	30°		
Light source		Storage	
Light source type *	LED	Card reader integrated *	✗
Service life of light source *	20000 h		
Service life of light source (economic mode)	30000 h		
Lens system		Features	
Focal length range	10.2 - 12.24 mm	Noise level (economic mode)	28 dB
Aperture range (F-F)	2.6 - 2.78	HDCP	✓
Zoom ratio	1.2:1	Noise level *	33 dB
Throw ratio	0.69 - 0.83	High Dynamic Range (HDR) supported	✓
Offset	102.5%	High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)
Video		Multimedia	
Full HD *	✓	Built-in speaker(s) *	✓
3D *	✗	RMS rated power	5 W
Supported graphics resolutions	640 x 480 (VGA), 3840 x 2160	Number of built-in speakers	2
Supported video modes	1080p		
Ports & interfaces		Design	
HDMI connector type	Full-size	Market positioning *	Gaming
HDMI version	2.0b	Product type *	Short throw projector
USB 2.0 ports quantity	1	Product colour *	Black, White
USB 2.0 Type-A ports quantity	1		
Serial interface type *	RS-232		
S/PDIF out port	✓		
HDMI ports quantity *	2		
		Power	
		Power source *	AC
		Power consumption (typical) *	140 W
		Power consumption (standby) *	0.5 W
		AC input voltage	100 - 240 V
		AC input frequency	50 - 60 Hz
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Weight & dimensions	
		Width	366 mm
		Depth	244 mm
		Height	118 mm
		Weight *	3.6 kg
		Packaging content	
		Remote control included *	✓
		Batteries included	✓
		Cables included	AC

**Logistics data**

Quantity per pack	1 pc(s)
Harmonized System (HS) code	85286200



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