



BenQ TH685i data projector Standard throw projector 3500 ANSI lumens DLP 1080p (1920x1080) 3D White

Brand : BenQ

Product code: 9H.JNK77.17E

Product name : TH685i



- 8.3ms@120Hz low input lag with dedicated game modes
 - Google-certified Android TV and Google Play store
 - 1080p HDR enabled with 4K compatibility
 3500 lm, 1920x1080, 10000:1, 16:9, 2 x HDMI, USB Type A, 2 x D-Sub, RS232, HDCP, HDR10, HLG, 35/29 dBA, 312 x 110 x 225 mm, 2.8 kg
 BenQ TH685i. Projector brightness: 3500 ANSI lumens, Projection technology: DLP, Projector native resolution: 1080p (1920x1080). Light source type: Lamp, Service life of light source: 4000 h, Service life of light source (economic mode): 10000 h. Zoom ratio: 1.3:1, Throw ratio: 1.13 - 1.46, Vertical lens shift range: -5 - 5%. Supported graphics resolutions: 640 x 480 (VGA), 1920 x 1200 (WUXGA), Supported video modes: 720p, 1080i, 1080p, 2160p. Serial interface type: RS-232, HDMI connector type: Full-size

Projector		Storage	
Supported aspect ratios	16:9	Card reader integrated *	✗
Smart projector *	✓	Features	
Screen size compatibility *	762 - 7620 mm (30 - 300")	Noise level (economic mode)	29 dB
Projector brightness *	3500 ANSI lumens	On Screen Display (OSD)	✓
Projection technology *	DLP	On Screen Display (OSD) languages	Arabic, Bulgarian, Simplified Chinese, Traditional Chinese, Croatian, Czech, Danish, German, Dutch, English, Spanish, Finnish, French, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Persian, Polish, Portuguese, Romanian, Russian, Swedish, Thai, Turkish, Vietnamese
Projector native resolution *	1080p (1920x1080)	Number of OSD languages	30
Contrast ratio (typical) *	10000:1	Noise level *	35 dB
Native aspect ratio *	16:9	Country of origin	China
Number of colours	1.073 billion colours	High Dynamic Range (HDR) supported	✓
Horizontal scan range	15 - 102 kHz	High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)
Vertical scan range	23 - 120 Hz	Multimedia	
Keystone correction, horizontal	-30 - 30°	Built-in speaker(s) *	✓
Keystone correction, vertical	-30 - 30°	RMS rated power	5 W
Light source		Number of built-in speakers	1
Light source type *	Lamp	Design	
Service life of light source *	4000 h	Market positioning *	Gaming
Service life of light source (economic mode)	10000 h	Product type *	Standard throw projector
Lamps quantity	1 lamp(s)	Product colour *	White
Lens system		Placement	Desktop
Zoom ratio	1.3:1	Cable lock slot	✓
Throw ratio	1.13 - 1.46	Cable lock slot type	Kensington
Vertical lens shift range	-5 - 5%	Display	
Offset	105%	Built-in display *	✗
Video			
Full HD *	✓		
3D *	✓		
Supported graphics resolutions	640 x 480 (VGA), 1920 x 1200 (WUXGA)		
Supported video modes	720p, 1080i, 1080p, 2160p		

Ports & interfaces		Power	
HDMI connector type	Full-size	Power source *	AC
USB 2.0 ports quantity *	1	Power consumption (typical) *	297 W
Headphone outputs	1	Power consumption (standby) *	0.5 W
Microphone in	✓	Power consumption (max)	340 W
Serial interface type *	RS-232	Power consumption (economy mode)	206 W
PC in (D-Sub)	✓	AC input voltage	100 - 240 V
VGA (D-Sub) ports quantity *	2	Weight & dimensions	
HDMI ports quantity *	2	Width	312 mm
DVI port *	✗	Depth	225 mm
Network		Height	110 mm
Smart TV *	✗	Weight *	2.8 kg
Ethernet LAN *	✗	Package width	400 mm
Wi-Fi *	✗	Package depth	350 mm
		Package height	160 mm
		Package weight	3.4 kg
		Packaging content	
		Cables included	AC
		Logistics data	
		Quantity per pack	1 pc(s)
		Harmonized System (HS) code	85286200



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