![BenQ logo]

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

Brand : BenQ

Product name : TH685i
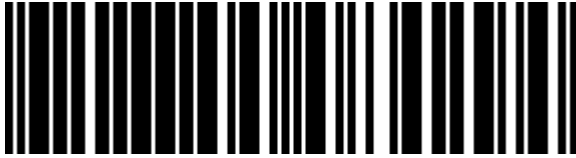
Product code: 9H.JNK77.17E

- 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

Supported aspect ratios	16:9
Smart projector *	✔
Screen size compatibility *	762 - 7620 mm (30 - 300")
Projector brightness *	3500 ANSI lumens
Projection technology *	DLP
Projector native resolution *	1080p (1920x1080)
Contrast ratio (typical) *	10000:1
Native aspect ratio *	16:9
Number of colours	1.073 billion colours
Horizontal scan range	15 - 102 kHz
Vertical scan range	23 - 120 Hz
Keystone correction, horizontal	-30 - 30°
Keystone correction, vertical	-30 - 30°

Light source

Light source type *	Lamp
Service life of light source *	4000 h
Service life of light source (economic mode)	10000 h
Lamps quantity	1 lamp(s)

Lens system

Zoom ratio	1.3:1
Throw ratio	1.13 - 1.46
Vertical lens shift range	-5 - 5%
Offset	105%

Video

Full HD *	✔
3D *	✔
Supported graphics resolutions	640 x 480 (VGA), 1920 x 1200 (WUXGA)
Supported video modes	720p, 1080i, 1080p, 2160p

Storage

Card reader integrated *	✖

Features

Noise level (economic mode)	29 dB
On Screen Display (OSD)	✔
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
Number of OSD languages	30
Noise level *	35 dB
Country of origin	China
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)

Multimedia

Built-in speaker(s) *	✔
RMS rated power	5 W
Number of built-in speakers	1

Design

Market positioning *	Gaming
Product type *	Standard throw projector
Product colour *	White
Placement	Desktop
Cable lock slot	✔
Cable lock slot type	Kensington

Display

Built-in display *	✖

Ports & interfaces

HDMI connector type	Full-size
USB 2.0 ports quantity *	1
Headphone outputs	1
Microphone in	✔
Serial interface type *	RS-232
PC in (D-Sub)	✔
VGA (D-Sub) ports quantity *	2
HDMI ports quantity *	2
DVI port *	✘

Network

Smart TV *	✘
Ethernet LAN *	✘
Wi-Fi *	✘

Power

Power source *	AC
Power consumption (typical) *	297 W
Power consumption (standby) *	0.5 W
Power consumption (max)	340 W
Power consumption (economy mode)	206 W
AC input voltage	100 - 240 V

Weight & dimensions

Width	312 mm
Depth	225 mm
Height	110 mm
Weight *	2.8 kg
Package width	400 mm
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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