

# Enjoy Full HD Entertainment Anytime



## BenQ TH681 Home Projector

<b>Full HD</b> 1080P	<b>3000</b> ANSI Lumens	<b>HDMI</b> HIGH DEFINITION MULTIMEDIA INTERFACE	<b>80"</b> in 2m	<b>10000:1</b> Contrast ratio
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### Premium Full HD 1080p Resolution

Get the most of any viewing experience when you see it in Full HD. Showcase Full HD content in sharp, 1080p definition and enjoy Blu-ray, video games and HD broadcasting in beautiful, high-contrast quality without downscaling or compression. Whether streaming video, looking at photos or watching movies, everything is better in Full HD.



Non-Full HD  
Low Image Resolution



Full HD 1080p  
Delicate Image Resolution

### Super-bright 3000 ANSI lumens

BenQ TH681 boast super-bright 3000 ANSI lumens, this makes images so bright and clear, you can even watch your favorite movie during the day, even in the brighter room.



### Ultra-High Contrast Ratio

An ultra-high contrast ratio projects sharp images, even for high brightness projectors. BenQ TH681 het better contrast and blacker blacks with a 10000:1 contrast ratio.

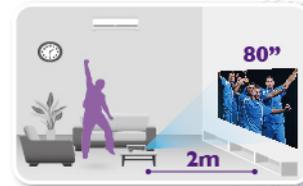


10000:1  
Contrast Ratio

3000:1  
Contrast Ratio

### Big-Screen Entertainment in Short Distances

The TH681 frees you from space constraints, shadow distortions and glares – all the while giving you 80" of amazing Full HD entertainment in just 2 meters!



### Blu-ray Full HD 3D

BenQ TH681 is built with latest DLPR technology to support 3D functionality, allowing schools to bring an immersive learning experience to their students with a simple preparation of 3D glasses and 3D content from your blu-ray player.



Because it matters

## HDMI Connectivity

TH681 features a convenient HDMI interface to deliver ultra-smooth digital HD signal and sound via just one cable.



## Built-in 10W speakers

Built-in speakers are Plug-and-Play ready, only the power cord and video source connection are needed to prepare the viewing experience.



Built-in Speaker **10W**

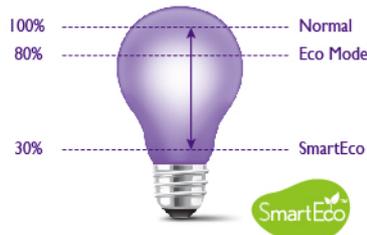
## PC-Less

USB Drive Display allows user to play content with a USB flash drive. All they need to do is save the files they need onto a USB flash drive and insert it in the TH681 to start viewing. File types supported are JPEG, PNG, TIFF, BMP and GIF.



## World-Leading SmartEco Technology for a Greener Environment

BenQ TH681 is equipped with SmartEco technology to lower power consumption by 70% at the maximum for optimal power saving. TH681 brings together optimized lamp life with uncompromised brightness and exquisite picture quality. While operating under Eco mode, the lamp life can be extended to a maximum of 6,000 hours.



## Reliable Color Performance and Virtually Color Decay Free

Virtually immune to color decay, the BenQ TH681 comes with an extended lifespan of reliable color performance without the yellow/green tint that some projectors develop over an extended period of usages.



● Non DLP Projector



● BenQ DLP Projector

Model Name	TH681 Home Projector
Projection System	DLP
Native Resolution	Full HD (1920x1080)
Brightness	3000 ANSI Lumens
Contrast Ratio	10000:1
Display Color	1.07 Billion Colors
Lens	F=2.59-2.87, f=16.88-21.88 mm
Aspect Ratio	Native 1.69 (5 aspect ratio selectable)
Throw Ratio	1.15~1.5 (78.3±3% @ 2m)
Image Size (Diagonal)	45"-300"
Zoom Ratio	1.3:1
Lamp Type	210W
Lamp(Normal/Economic Mode/ SmartEco Mode)*	4000/5000/6500 hours
Keystone Adjustment	1D, Vertical ± 40 degrees
Projection Offset	110% ± 5%
Resolution Support	VGA(640 x 480) to WUXGA_RB(1920X1200) *RB=Reduced blanking
Horizontal Frequency	15K-102KHz
Vertical Scan Rate	23-120Hz
<b>Interface</b>	
Computer in (D-sub 15pin)	x2
Monitor out (D-sub 15pin)	x1
Composite Video in (RCA)	x1
S-Video in (Mini DIN 4pin)	x1
Component Video in	x1
HDMI	x1
Audio in (Mini Jack)	x1
Audio out (Mini Jack)	x1
Audio L/R in (RCA)	x1
Speaker	10Wx1
USB (Type Mini B)	x1
RS232 (DB-9pin)	x1
Dimensions(W x H x D)	311.81 x 104.7 x 244.12 mm
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Video Compatibility	NTSC, PAL, SECAM
3D Support and Compatibility	Frame Sequential: Up to 720p Frame Packing: Up to 1080p Side by Side: Up to 1080/p Top Bottom: Up to 1080p
Weight	2.8 kg (6.39 lbs)
Audible Noise	33/28 dBA (Normal/Economic mode)
Power Supply	AC100 to 240V, 50 to 60 Hz
Power Consumption	Normal 270W, Eco 220W, Standby <0.5W
On-Screen Display Languages	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese (28 Languages)
Picture Modes	Dynamic/ Presentation/ sRGB/ Cinema/ (3D)/ User 1/ User 2
Accessories (Standard)	Lens Cover/ Remote Control w/ Battery Power Cord (by region)/ User Manual CD Quick Start Guide /Warranty Card (by region) VGA(D-sub 15pin) Cable
Accessories (Optional)	Spare Lamp Kit/ Wall Mount Carry bag/ 3D Glasses

Company Name will be BenQ Service & Marketing (M) Sdn. Bhd.

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