# EB-685Wi




## DATASHEET / BROCHURE




## Innovative pen-interactive teaching solution with a large scalable screen of up to 100 inches, designed to enhance collaborative learning.

This projector offers superb interactivity thanks to its dual pen capability. With a brightness of 3,500 lumens and HD-ready WXGA resolution, the EB-685Wi's ultra-short-throw design allows you to present large images from a very short distance with minimised shadows and glare. A 14,000:1 contrast ratio and HDMI input mean that students benefit from sharp, clear images.

**High brightness and image quality**
Epson's 3LCD technology ensures high-quality images with equally high White and Colour Light Output for vivid colours and bright images, even in daylight, and three times brighter colours than competitive projectors[1]. With a scalable display size of up to 100 inches, two types of content can be displayed using the split-screen without compromising on quality.

**Dual pen**
Epson's interactive pens are now even more responsive and easy to use when annotating directly on screen. With the new dual pens, teacher and student or two students can work simultaneously using different attributes.

**Highly reliable**
Project for longer with improved reliability and a longer lamp life of up to 10,000 hours in eco mode.

**Interact and enhance learning**
Multi-PC projection software allows teachers and students to share content simultaneously. The moderator function allows teachers to remain in control, choosing what content to display. Combine two projectors to create one large interactive display. Split-screen capability allows teachers to display two separate types of content simultaneously, such as a lesson plan from a PC and a still image or video clip from a document camera.

**Optional wireless capability**
Wirelessly display content easily from a range of smart devices and Google Chromebooks using our iProjection App[2].

## KEY FEATURES

- **Up to 100-inch display and outstanding quality**
  HD-ready WXGA resolution with Epson 3LCD technology
- **Dual-pen annotation**
  Two users can annotate at once using the included pens
- **Reliable**
  Improved reliability and a longer lamp life
- **Multi-screen interactivity**
  Combine two projectors to create one large interactive display
- **Wireless Connectivity (Optional)**
  Allows content to be shown from a range of devices

No.1 SINCE 2001
EPSON
WORLD LEADER
IN PROJECTORS
Source: Futuresource Consulting Ltd.

EPSON®
EXCEED YOUR VISION

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **TECHNOLOGY** | |
| Projection System | 3LCD Technology |
| LCD Panel | 0.59 inch with D9 |
| **IMAGE** | |
| Color Light Output | 3,500 Lumen- 2,900 Lumen (economy) In accordance with ISO 21118:2013 |
| White Light Output | 3,500 Lumen - 2,900 Lumen (economy) In accordance with ISO 21118:2013 |
| Resolution | WXGA, 1280 x 800, 16:10 |
| High Definition | HD ready |
| Aspect Ratio | 16:10 |
| Contrast Ratio | 14,000 : 1 |
| Light source | Lamp |
| Lamp | 250 W, 5,000 h durability, 10,000 h durability (economy mode), 9,000 h durability (economy mode) |
| Keystone Correction | Manual vertical: ± 3 °, Manual horizontal ± 3 ° |
| Colour Video Processing | 10 Bits |
| 2D Vertical Refresh Rate | 100 Hz - 120 Hz |
| Colour Reproduction | Upto 1.07 billion colours |
| **OPTICAL** | |
| Throw Ratio | 0.28 - 0.37:1 |
| Zoom | Digital, Factor: 1 - 1.35 |
| Lens | Optical |
| Screen Size | 60 inches - 100 inches |
| Projection Distance Wide | 0.4 m ( 60 inch screen |
| Projection Distance Tele | 0.6 m ( 100 inch screen |
| Projection Lens F Number | 1.6 |
| Projection Lens Focal Length | 3.7 mm |
| Projection Lens Focus | Manual |
| Offset | 6 : 1 |
| **CONNECTIVITY** | |
| USB Display Function | 3 in 1: Image / Mouse / Sound |
| Interfaces | USB 2.0 Type A, USB 2.0 Type B, RS-232C, Ethernet interface (100 Base-TX / 10 Base-T), Wireless LAN IEEE 802.11b/g/n (optional), VGA in (2x), VGA out, HDMI in (3x), Composite in, RGB in (2x), RGB out, MHL, Stereo mini jack audio out, Stereo mini jack audio in (3x), Microphone input, Sync. in, Sync. out |
| Epson iProjection App | Ad-Hoc / Infrastructure |
| **ADVANCED FEATURES** | |
| Security | Kensington lock, Password lock, Security cable hole, Wireless LAN unit lock, Wireless LAN security, Password protection |
| 2D Colour Modes | Dynamic, Cinema, Presentation, sRGB, Blackboard |
| Other features | AV Mute Slide, Auto Calibration, Auto brightness adjustment, Automatic input selection, Built-in speaker, CEC compatible, Customizable user logo, Digital zoom, Direct Power on/off, Document Camera Compatible, Dynamic lamp control, Easy OSD pre-setting, Home Screen, Interactive, Long lamp life, MHL audio/video interface, Microphone input, PC Interactive, PC free annotation, Split-Screen-Function |
| Interactivity | Yes- pen |
| Video Color Modes | Blackboard, Cinema, Dynamic, Presentation, sRGB, Whiteboard |
| Projector control | via: AMX, Crestron, Control4 |

EB-685Wi

## WHAT'S IN THE BOX

- Interactive pens
- Power cable
- Remote control incl. batteries
- USB cable
- Pen tray
- Quick Start Guide
- Wall hanging bracket
- Warranty card
- User Manual (CD-ROM)
- Main unit
- Safety Cable

No.1 SINCE 2001
EPSON
WORLD LEADER
IN PROJECTORS
Source: Futuresource Consulting Ltd.

EPSON®
EXCEED YOUR VISION

## PRODUCT SPECIFICATIONS

EB-685Wi

| | |
|---|---|
| **GENERAL** | |
| Power consumption | 354 Watt, 310 Watt (economy), 0.39 Watt (standby) |
| Supply Voltage | AC 100 V - 240 V, 50 Hz - 60 Hz |
| Product dimensions | 367 x 400 x 149 mm (Width x Depth x Height) |
| Product weight | 5.9 kg |
| Noise Level | Normal: 35 dB (A) - Economy: 30 dB (A) - Eco2: 29 dB (A) |
| Supported Temperature | Operation 5° C - 35° C, Storage -10° C - 60° C |
| Supported Humidity | Operation 20% - 80%, Storage 10% - 90% |
| | If the projector is suspended from a ceiling or wall mount and installed in an environment with heavy oil smoke or places where oils or chemicals are volatilized, places where a lot of smoke or bubbles are used for event staging, or where aroma oils are frequently burned, it can make certain parts of our products susceptible to a material degradation which over time could break and cause the projector to drop from the ceiling.<br><br>If you are concerned about the environment in which your projector is installed, or if you have any other questions, please contact our support department and they can provide additional assistance. |
| Included Software | Easy Interactive Tools, iProjection, Epson Projector Management |
| Options | Air filter ELPAF38, Connection and control box, Document camera, External Speaker, Pen tip(Felt), Pen tip(Teflon), USB extension cable, Wireless LAN unit |
| Compatible Operating Systems | Linux, Mac OS 10.10.x, Mac OS 10.7.x, Mac OS 10.8.x, Mac OS 10.9.x, Ubuntu 14.10, Ubuntu 15.04, Ubuntu 15.10, Ubuntu 16.04 LTS, Windows 10, Windows 8, Windows 8.1 |
| Loudspeaker | 16 Watt |
| Room Type / Application | Meeting room / Classroom |
| Positioning | Wall Mounted |
| Colour | White / Grey |
| TCO Certified | For further information relating to TCO Certified please visit https://tcocertified.com/files/certification/Information-document-for-end-users.pdf |
| **OTHER** | |
| Warranty | 60 months Carry in or 8,000 h, Lamp: 60 months or 1,000 h<br>Optional warranty extension available |

EPSON®

## OPTIONAL ACCESSORIES

- Active Speakers (2 x 15W) - ELPSP02
  V12H467040DA
- ELPLP91
  V13H010L91
- Wireless LAN Adapter - ELPAP10
  V12H731P01
- Air Filter - ELPAF49
  V13H134A49
- Interactive Pen - ELPPN05A - Orange - EB-6xxWi/Ui / 14xxUi
  V12H773010
- Interactive Pen - ELPPN05B - Blue - EB-6xxWi/Ui / 14xxUi
  V12H774010
- Replacement Hard Pen Tip - ELPPS03 (6pcs)
  V12H775010
- Replacement Soft Pen Tip - ELPPS04 (12pcs)
  V12H776010
- Control and Connection Box - ELPCB03
  V12H927040DA

## LOGISTICS INFORMATION

| | |
|---|---|
| SKU | V11H741041 |
| EAN code | 8715946605166 |
| Country of Origin | Philippines |
| Layer | 2 Units |
| Layer Block | 2 Units |



For more information please contact:

Home users: 0343 90 37766
Business users*: 0871 42 37766
Republic of Ireland: 01 436 7742
Or visit us at https://www.epson.co.uk/contactus
* 10p per minute plus network extras.

Web: www.epson.co.uk
www.epson.ie

Trademarks and registered trademarks are the property of Seiko Epson Corporation or their respective owners.
Product information is subject to change without prior notice.
Last extracted: 2020-04-03

1. - Colour Brightness (Colour Light Output) measured in accordance with IDMS 15.4. Colour Brightness will vary depending on usage conditions. Leading Epson 3LCD business and education projectors compared to leading one-chip DLP projectors, based on NPD data for June 2013 through May 2014 and PMA Research data for Q1 through Q3 2013. For more information please visit www.epson.eu/CLO
2. - iProjection App available on Android and iOS devices, and Google Chromebooks.