EB-685Wi

14,000:1 **WiFi®** Optional

16 W

WXGA **3500 lm**

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

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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 IDMS15.4
White Light Output	3,500 Lumen - 2,900 Lumen (economy) In accordance with ISO 21118:2020
Resolution	WXGA 2
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-A, USB 2.0, 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, Jack plug out, Jack plug 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

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

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GENERAL

Power consumption	301 Watt - (Normal On-Mode)354 Watt (Normal Peak-mode)309 Watt (Eco Peak-Mode)0.37 Watt (Energy saving standby)258 Watt (Eco On-Mode)
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. 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, EasyMP Multi PC Projection, 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

OTHER

Warranty	2 years on main unit, 1 year or 1000 hours on lamp whichever is earlier

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- 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

LOGISTICS INFORMATION

SKU	VH11H741056	
Country of Origin	Philippines	