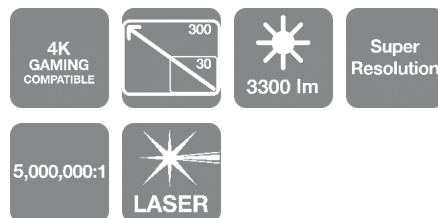


# EH-QB1000B

## DATASHEET / BROCHURE



Featuring Epson's 3LCD laser light source, the EH-QB1000B is an exciting addition to the world of Professional Home projectors.

Powered by a 3LCD laser, the EH-QB1000B delivers bright (3,300lm) images up to 300" at 4K resolution (3840 x 2160). Also offering a 5,000,000:1 dynamic contrast ratio, plus other image-enhancing features such as 4K frame interpolation, super resolution, dynamic tone mapping and HDR10+ to provide the ultimate entertainment experience, from movies and sports to gaming, in any media space.

### Outstanding home entertainment in any space

Immerse yourself in a big-screen experience that takes home entertainment to a new level. Combining a range of unique technologies to deliver a new standard in image brightness and quality with up to 3,300 lumens, this new and leading-edge projector from Epson delivers a truly stunning performance in any room, whether it's a dedicated media space or a well-lit living area. Whether you're into movies, sport or gaming, you'll find the EH-QB1000B delivers a whole new dimension of enjoyment.

### 3LCD technology for ultra-high image quality

Built around Epson's advanced 3LCD laser technology, the EH-QB1000B brings stunning levels of clarity and sharpness to screens up to 300" with 4K super-resolution images (3840 x 2160). With a 5,000,000:1 dynamic contrast ratio for well-defined shadows and even deeper blacks, this Professional Home projector also features enhanced frame interpolation to create a smooth image and four colour modes, allowing easy optimisation for different viewing environments.

### Advanced features for excellent versatility

With advanced features such as Dynamic Tone Mapping to enhance visual quality on a frame-by-frame basis, and HDR10+ for more vivid and lifelike colours, the EH-QB1000B delivers an outstanding viewing experience for both movies and sport. But the amazing versatility of this breakthrough projector doesn't stop there. With HDMI 2.1 connectivity, a 4K/120hz refresh and Auto Low Latency Mode, it offers a superbly-smooth gaming experience too.

### Great positioning flexibility and easy management

Featuring motorised lens shift with large range, as well as motorised zoom and focus, the EH-QB1000B offers outstanding positioning flexibility – so you never need to worry about installation in your living room. Plus, its integrated Crestron, Control4 and RS232C/wired LAN support means that it can be easily integrated into a Smart Home Network, making it an even more convenient viewing experience.

## KEY FEATURES

- **Superior home entertainment**  
Cutting-edge big-screen technology, ideal for films, sport and gaming in a bright environment
- **Bright images up to 300"**  
3LCD laser source, 3,300lm, 4K (8.3m pixel), perfect for any bright space
- **Advanced features**  
4K frame interpolation, HDR10+, 4K/120Hz and Auto Low Latency Mode
- **Easy to set up and use**  
Flexible positioning, motorised zoom and focus
- **Convenient management**  
Full IP control with Crestron, Control4 and wired LAN connectivity



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## PRODUCT SPECIFICATIONS

### TECHNOLOGY

Projection System	RGB liquid crystal shutter
LCD Panel	0.74 inch with C2 Fine

### IMAGE

Color Light Output	3,300 Lumen In accordance with IDMS15.4
White Light Output	3,300 Lumen In accordance with ISO 21118:2020
Resolution	4K 3840 x 2160, 8.3m pixels, 16:9
Aspect Ratio	16:9
On-Screen Pixel Count	8,294,400
Contrast Ratio	5,000,000 : 1
Native Contrast	5,000 : 1
Light source	Laser
Laser Light source	20,000 hours Durability High, 20,000 hours Durability Medium, 20,000 hours Durability Eco
Keystone Correction	Manual vertical: $\pm 30^\circ$ , Manual horizontal $\pm 30^\circ$
Colour Video Processing	10 Bits
2D/3D Frequency Image	384 Hz / 480 Hz
2D Vertical Refresh Rate	384 Hz - 480 Hz
Colour Reproduction	Upto 1.07 billion colours
HDR support	HDR10, HLG, HDR10+

### OPTICAL

Throw Ratio	1.35 - 2.84:1
Zoom	Motorized, Factor: 1 - 2.1
Lens Shift	Motorized - Vertical $\pm 47.1\%$ , horizontal $\pm 96.3\%$
Lens position memory	10 positions
Screen Size	50 inches - 300 inches
Projection Distance Wide/Tele	3 m - 6.3 m ( 100 inch screen)
Projection Lens F Number	2 - 3
Projection Lens Focal Length	22.5 mm - 46.7 mm
Projection Lens Focus	Motorized
Mechanical shutter	Yes

### CONNECTIVITY

Interfaces	USB 2.0 (2x), USB 2.0 Mini-B, RS-232C, Trigger out, HDMI ARC, HDMI (HDCP 2.3) (2x)
Network Protocol	ESC/MP.net, PJLink

### ADVANCED FEATURES

Security	Kensington lock
3D	No
2D Colour Modes	Dynamic, Natural, Cinema, Vivid
Other features	Direct Power on/off, Frame interpolation, Horizontal and vertical keystone correction, ISF certification, Lens position memory, Long light source life, Quick Corner, Super resolution
Video Color Modes	Cinema, Dynamic, Natural, Vivid
Projector control	via: Crestron Integrated Partner, AMX Device Discovery, Control4 Simple Device Discovery Protocol

## EH-QB1000B

### WHAT'S IN THE BOX

- Power cable
- Remote control incl. batteries
- Cable cover
- User guide
- Warranty document



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## PRODUCT SPECIFICATIONS

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### GENERAL

Power consumption 285 Watt (Normal On-Mode), 158 Watt (Eco On-Mode), 328 Watt (Normal Peak-mode), 200 Watt (Eco Peak-Mode), 0.4 Watt (Energy saving standby)

Heat Dissipation 1,115.2 BTU/hour (max)

Supply Voltage AC 100 V - 240 V, 50 Hz - 60 Hz

Product dimensions 520 x 447 x 193 mm (Width x Depth x Height)

Product weight 12.8 kg

Noise Level Normal: 32 dB (A) - Economy: 22 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.

Options Air filter, Ceiling mount, Safety wire set, Suspension adapter

Room Type / Application 4K Gaming, 4K Streaming, Home Cinema, Sports, TV & Box sets

Positioning Ceiling Mounted, Desktop

Colour Black

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### OTHER

Warranty 60 months Carry in or 12,000 h

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## OPTIONAL ACCESSORIES

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**EH-QB1000B**

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- Air Filter - ELPAF62 - EH-LS11/12000
- Ceiling Mount (White) - ELPMB22
- Ceiling Mount (Low profile) - ELPMB30
- Ceiling Pipe (450mm) - ELPFP13
- Ceiling Pipe (700mm) - ELPFP14
- Safety Wire - ELPWR01