

## Beng LH890UST data projector Ultra short throw projector 4000 ANSI lumens DLP 1080p (1920x1080) White

**Brand**: Benq Product code: 9H.JJD77.3HE

**Product name:** LH890UST

- Ultra short-throw ratio
- BlueCore laser technology for superb image quality
- IP5X dustproof mechanism reducing maintenance costs

4000lms 1080P Education, DLP, 3000000:1, HDMI, VGA, Composite, S-Video

Benq LH890UST. Projector brightness: 4000 ANSI lumens, Projection technology: DLP, Projector native resolution: 1080p (1920x1080). Light source type: Laser, Service life of light source: 20000 h. Fixed focal length: 3.35 mm, Zoom type: Fixed, Throw ratio: 0.23:1. Supported graphics resolutions: 640 x 480 (VGA), 1920 x 1200 (WUXGA), Supported video modes: 1080p. Serial interface type: RS-232, HDMI

version: 1.4b





| Projector                                                                                                                                                                  |                                                                                                             | Storage                                                                                                |                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Projection technology *                                                                                                                                                    | 4000 ANSI lumens                                                                                            | Card reader integrated *                                                                               | X                                                 |
|                                                                                                                                                                            | DLP                                                                                                         | Features                                                                                               |                                                   |
| Projector native resolution * Contrast ratio (typical) * Native aspect ratio * Number of colours Keystone correction, horizontal Keystone correction, vertical Matrix size | 1080p (1920x1080)<br>3000000:1<br>16:9<br>1.07 billion colours<br>-20 - 20°<br>-20 - 20°<br>1.65 cm (0.65") | Interactive * Interactive input supported Noise level (economic mode) HDCP Noise level * Certification | ✓ Interactive pen/Touch 32 dB ✓ 35 dB IP5X        |
| Light source                                                                                                                                                               |                                                                                                             | Multimedia                                                                                             |                                                   |
| Light source type * Service life of light source *                                                                                                                         | Laser<br>20000 h                                                                                            | Built-in speaker(s) * RMS rated power Number of built-in speakers                                      | 10 W<br>1                                         |
| Lens system                                                                                                                                                                |                                                                                                             | TV tuner integrated                                                                                    | ×                                                 |
| Fixed focal length                                                                                                                                                         | 3.35 mm                                                                                                     | Design                                                                                                 |                                                   |
| Zoom type<br>Throw ratio<br>Offset                                                                                                                                         | Fixed<br>0.23:1<br>118.8%                                                                                   | Market positioning *  Product type *  Product colour *                                                 | Education<br>Ultra short throw projector<br>White |
| Video                                                                                                                                                                      |                                                                                                             | Placement                                                                                              | Ceiling, Desktop, Wall                            |
| Full HD *                                                                                                                                                                  | ✓                                                                                                           | LED indicators                                                                                         | ✓                                                 |
| Supported graphics resolutions                                                                                                                                             | 640 x 480 (VGA), 1920 x 1200<br>(WUXGA)                                                                     | Power                                                                                                  |                                                   |
| Supported video modes                                                                                                                                                      | 1080p                                                                                                       | Power source *                                                                                         | AC                                                |
| Ports & interfaces                                                                                                                                                         |                                                                                                             | Power consumption (typical) * Power consumption (standby) *                                            | 358 W<br>0.5 W                                    |
| HDMI version                                                                                                                                                               | 1.4b                                                                                                        | AC input voltage                                                                                       | 100 - 240 V                                       |
| S-Video inputs quantity                                                                                                                                                    | 1                                                                                                           | AC input frequency                                                                                     | 50/60 Hz                                          |
| USB 2.0 ports quantity *                                                                                                                                                   | 1                                                                                                           | Operational conditions                                                                                 |                                                   |
| Mini-USB 2.0 ports quantity<br>Headphone outputs                                                                                                                           | 2<br>1                                                                                                      | Operating temperature (T-T)                                                                            | 0 - 35 °C                                         |
| Microphone in                                                                                                                                                              | <b>↓</b>                                                                                                    | Weight & dimensions                                                                                    |                                                   |
| Serial interface type * VGA (D-Sub) ports quantity *                                                                                                                       | RS-232<br>2                                                                                                 | Width<br>Depth                                                                                         | 502.1 mm<br>399.3 mm                              |

| Ports & interfaces         |   | Weight & dimensions         |          |
|----------------------------|---|-----------------------------|----------|
| HDMI ports quantity *      | 2 | Height                      | 164.5 mm |
| Composite video in *       | 1 | Weight *                    | 9.06 kg  |
| DVI port *                 | X | Packaging content           |          |
| Network                    |   | Remote control included *   | ✓        |
| Ethernet LAN *             | ✓ | Remote control type         | IR       |
| Ethernet LAN (RJ-45) ports | 1 | Batteries included          | ✓        |
|                            |   | Cables included             | AC, VGA  |
|                            |   | Mounting brackets included  | ✓        |
|                            |   | Logistics data              |          |
|                            |   | Harmonized System (HS) code | 85286200 |

