

# BenQ 935ST Specs

## Image Display

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Display System	0.48" DC3 DMD DLP
Native Chip Resolution	1920 x 1200 (WUXGA)
Supported Resolutions	Maximum: 4K UHD - 3840 x 2160
Maximum Brightness	5500 Lumens (ANSI)
Aspect Ratio	Native: 16:10
Dynamic Contrast Ratio	3,000,000:1
Supported 3D Formats	Frame Sequential (up to 1080p) Frame Packing (up to 1080p) Top Bottom (up to 1080p) Side by Side (up to 1080p)
Color Depth	10-Bit (1.07 Billion Colors)
Scan	Horizontal: 15 to 135 kHz Vertical: 24 to 120 Hz

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## Lens

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Focus

Manual

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Lens	f/1.83 - 1.86 (f = 8.6 - 9.4 mm)
Lens Shift	Horizontal: $\pm 23\%$ Vertical: $\pm 60\%$
Optical Zoom	Manual: 1.1x
Throw Distance	2.9 - 46.2' / 87.9 - 1408.7 cm
Throw Ratio	0.81 to 0.89:1
Projection Size	30 - 300" / 76.2 - 762.0 cm

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## Features

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Keystone Correction	Horizontal: $\pm 30^\circ$ Vertical: $\pm 30^\circ$
Supported HDR Input Formats	<i>None</i>
Multi-Input Support (PIP/PBP)	Not Specified by Manufacturer
Ceiling Mountable	Yes
Rear Screen Projection	Yes
Built-In Speaker	Yes (Stereo)
Speaker Power	10W

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Projection Tilt Option Yes

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## Input/Output Connectors

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Inputs/Outputs

- 2 x** HDMI (HDMI Type-A) Audio, Video Input
- 1 x** HDBaseT (RJ45) Audio, Control, Data, Video
- 1 x** VGA (DE-15/DB-15) Video Input
- 1 x** VGA (DE-15/DB-15) Video Output
- 1 x** 1/8" / 3.5 mm Mini Audio Input
- 1 x** 1/8" / 3.5 mm Mini Audio Output
- 1 x** Ethernet (RJ45) LAN
- 1 x** RS-232 (DE-9/DB-9) Control
- 1 x** 1/8" / 3.5 mm Mini Remote Input
- 1 x** USB 2.0 (USB Type-A) Data
- 1 x** VESA 3D Sync (3-Pin DIN) Control Input
- 1 x** VESA 3D Sync (3-Pin DIN) Control Output

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HDCP Support Version 2.2

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## Hardware

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Wireless LAN / Wi-Fi No, Optional Adapter Available

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## General

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Light Source Laser Phosphor

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Expected Lamp Life Medium Brightness: 20,000 Hours

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Fan Noise Full Brightness: 39 dB  
Low Brightness: 32 dB

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Security

Cable Lock Slot  
Security Bar

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Supported Languages

Arabic  
Bulgarian  
Croatian  
Czech  
Danish  
Dutch  
English  
Finnish  
French  
German  
Greek  
Hindi  
Hungarian  
Indonesian  
Italian  
Japanese  
Korean  
Norwegian  
Persian  
Polish  
Portuguese  
Romanian  
Russian  
Simplified Chinese  
Spanish  
Swedish  
Thai  
Traditional Chinese  
Turkish  
Vietnamese

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AC Input Power

100 to 240 VAC, 50 / 60 Hz

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Power Consumption

Full Brightness: 495 W  
Medium Brightness: 400 W  
Low Brightness: 315 W  
Standby Mode (Lamp Off): 2 W

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Operating Altitude	0.0 to 9842' / 0 to 3000 m
Operating Temperature	32 to 104°F / 0 to 40°C
Storage Temperature	-4 to 140°F / -20 to 60°C
Operating Humidity	10 to 90%
Storage Humidity	10 to 90%
Dimensions (W x H x D)	16.4 x 6.5 x 13.8" / 416.0 x 166.0 x 351.0 mm
Weight	15.4 lb / 7 kg