

# BenQ 960UST 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	5200 Lumens (ANSI)
Offset	122%
Aspect Ratio	Native: 16:10
Dynamic Contrast Ratio	3,000,000:1
DLP Link 3D	Yes
Supported 3D Formats	Frame Sequential (up to 720p) Frame Packing (up to 1080p) Side by Side (up to 1080p) Top Bottom (up to 1080p)
Color Depth	10-Bit (1.07 Billion Colors)
Scan	Horizontal: 15 to 135 kHz Vertical: 23 to 120 Hz

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## Lens

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Focus	Manual
Optical Zoom	<i>None</i>
Throw Distance	0.87 - 32.9" / 2.22 - 83.6 cm
Throw Ratio	0.25:1
Projection Size	100 - 150" / 254.0 - 381.0 cm

## Features

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Keystone Correction	Vertical: $\pm 30^\circ$ Horizontal: $\pm 30^\circ$
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 (Mono)
Speaker Power	10W
Projection Tilt Option	Yes

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## Input/Output Connectors

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### Inputs/Outputs

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

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### Light Source

Laser Phosphor

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### Expected Lamp Life

Full Brightness: 20,000 Hours  
Medium Brightness: 38,000 Hours  
Low Brightness: 70,000 Hours

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### Fan Noise

Full Brightness: 37 dB  
Low Brightness: 35 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  
Polish  
Portuguese  
Romanian  
Russian  
Simplified Chinese  
Spanish  
Swedish  
Thai  
Traditional Chinese  
Turkish

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## AC Input Power

100 to 240 VAC, 50 / 60 Hz at 7 A

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## Power Consumption

Full Brightness: 500 W  
Medium Brightness: 450 W  
Low Brightness: 339 W  
Standby Mode (Lamp Off): < 0.5 W

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## Operating Altitude

0.0 to 9842' / 0 to 3000 m

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## Operating Temperature

32 to 104°F / 0 to 40°C

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Storage Temperature -4 to 140°F / -20 to 60°C

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Operating Humidity 10 to 90%

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Storage Humidity 10 to 90%

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Dimensions (W x H x D) 18.9 x 6.4 x 18.6" / 480.0 x 163.1 x 473.0 mm

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Weight 26.4 lb / 12 kg

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