

BenQ MW632ST Specs

Image Display

Display System 1-Chip DMD DLP

Native Chip Resolution 1280 x 800 (WXGA)

Supported Resolutions

- Minimum: VGA - 640 x 480
- Maximum: WUXGA - 1920 x 1200
- VGA - 640 x 480 @ 60 Hz
- VGA - 640 x 480 @ 73 Hz
- VGA - 640 x 480 @ 75 Hz
- VGA - 640 x 480 @ 85 Hz
- 720 x 400 @ 70 Hz
- SVGA - 800 x 600 @ 60 Hz
- SVGA - 800 x 600 @ 72 Hz
- SVGA - 800 x 600 @ 75 Hz
- SVGA - 800 x 600 @ 85 Hz
- SVGA - 800 x 600 @ 120 Hz
- XGA - 1024 x 768 @ 60 Hz
- XGA - 1024 x 768 @ 70 Hz
- XGA - 1024 x 768 @ 75 Hz
- XGA - 1024 x 768 @ 85 Hz
- XGA - 1024 x 768 @ 120 Hz
- 1152 x 864 @ 75 Hz
- 1024 x 576 @ 60 Hz
- 1024 x 600 @ 65 Hz
- 1280 x 720 @ 60 Hz
- 1280 x 768 @ 60 Hz
- WXGA 60-1 - 1280 x 800 @ 60 Hz
- WXGA - 1280 x 800 @ 75 Hz
- WXGA - 1280 x 800 @ 85 Hz
- WXGA - 1280 x 800 @ 120 Hz
- SXGA - 1280 x 1024 @ 60 Hz
- SXGA - 1280 x 1024 @ 75 Hz

SXGA - 1280 x 1024 @ 85 Hz
1280 x 960 @ 60 Hz
1280 x 960 @ 85 Hz
1360 x 768 @ 60 Hz
WXGA+ - 1440 x 900 @ 60 Hz
SXGA+ - 1400 x 1050 @ 60 Hz
UXGA - 1600 x 1200 @ 60 Hz
1680 x 1050 @ 60 Hz
640 x 480 @ 67 Hz
MAC16 - 832 x 624 @ 75 Hz
1024 x 768 @ 75 Hz
MAC21 - 1152 x 870 @ 75 Hz
1920 x 1080 @ 60 Hz
1920 x 1200 @ 60 Hz
720 x 480 @ 60 Hz
720 x 576 @ 50 Hz
1280 x 720 @ 50 Hz
1280 x 720 @ 60 Hz
1920 x 1080 @ 50 Hz
1920 x 1080 @ 24 Hz
1920 x 1080 @ 25 Hz
1920 x 1080 @ 30 Hz ⓘ

Max Brightness	3200 Lumens
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Offset	105% ± 5%
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Aspect Ratio	Native: 16:10 Supported: 4:3 Supported: 16:9
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Contrast Ratio	13000:1
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Supported 3D Formats	Frame Sequential (up to 720p) Top Bottom
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Color Depth	10-Bit (1.07 Billion Colors)
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Scan	Horizontal: 15 to 102 kHz Vertical: 24 to 120 Hz
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Lens

Focus	Manual
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Lens	f/2.6 - 2.78 (f = 10.2 - 12.24 mm)
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Throw Ratio	0.72 to 0.87:1 (87" @ 1.36 m)
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Projection Size	60 - 120" / 152.40 - 304.80 cm
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Features

Keystone Correction	Vertical: $\pm 30^\circ$
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Ceiling Mountable	Yes
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Rear Screen Projection	Yes
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Built-In Speaker	Yes (Mono)
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Speaker Power	10W
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Closed Captioning	Yes
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Input/Output Connectors

Inputs/Outputs	1 x VGA (DE-15) Video (Input) 1 x VGA (DE-15) Video (Output) 1 x Composite (RCA) Video (Input) 1 x S-Video (4-Pin DIN) Video (Input) 1 x HDMI Audio/Video (Input) 1 x HDMI with MHL Support Audio/Video (Input) 1 x 1/8" / 3.5 mm Mini Audio (Input) 1 x RCA Stereo (L/R) Audio (Input) 1 x 1/8" / 3.5 mm Mini Audio (Output) 1 x Mini-USB Type-B Female (Input) 1 x USB Type-A Female (Output) 1 x RS-232C (Unspecified Connector) Control (Input) 1 x 1/8" / 3.5 mm Mini Control (Input)
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General

Lamp Power	196 W
Expected Lamp Life	Medium Brightness: 4000 Hours Low Brightness: 10,000 Hours
Fan Noise	Medium Brightness: 33 dB Low Brightness: 28 dB
Security	Cable Lock Slot Password Protection
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
Swedish
Thai
Traditional Chinese
Turkish

AC Input Power 120 to 240 VAC, 50 / 60 Hz

Power Consumption Medium Brightness: 305 W
Low Brightness: 220 W
Standby Mode (Lamp Off): <5 W

Max Operating Altitude 9842' / 3000 m

Temperature **Operating**
32 to 104°F (0 to 40°C)
Humidity: 10 - 90%[ⓘ]

Dimensions (W x H x D) 11.3 x 4.5 x 9.2" / 287.3 x 114.4 x 232.6 mm

Weight 5.7 lb / 2.6 kg

Packaging Info

Package Weight	8.5 lb
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Box Dimensions (LxWxH)	15.5 x 12.5 x 6.3"
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