

# Product Spec Sheet from Rentex

## Optoma ZH400UST DLP 1080p Full HD Professional Projector



**Mfr Part No. ZH400UST**  
**Rentex Product No. 5500**

The Optoma ZH400UST is equipped with laser phosphor display technology for state-of-the-art picture and color performance. The ZH400UST impresses with rich color and deep black levels that outperform traditional lamp-based projectors, while the laser solid-state light source provides 20,000+ hours of life for a virtually maintenance-free operation.

With a throw ratio of .25, the ZH400UST can display a 100" 1080p image from only 13" away making it ideal for space constrained environments such as small classrooms, meeting rooms, boardrooms and digital signage applications. Allowing for presentations to transition from external sources seamlessly, the ZH400UST's PC-Free USB Media Player supports playback of video and audio files along with images and presentations shared directly from any USB device.

### Features

- Combines laser phosphor technology with 4000 lumens and 100,000:1 contrast ratio to produce bright visuals and razor sharp text
- PC-Free USB Media Player supports playback of video and audio files along with shared images and presentations
- Full HD 1080p and extensive I/O connectivity with Dual HDMI featuring MHL, VGA-In, RJ-45 and 2x Audio-In
- Laser phosphor light source provides 20,000+ hours of light source expectancy

### Detailed Specifications

<b>Display Technology</b>	Single Texas Instrument DMD, 12 degree .65" 1080P DMD X1, Type S600, DC3	<b>Uniformity</b>	80%
<b>Native Resolution</b>	1080p (1920x1080)	<b>Horizontal Scan Rate</b>	15.375~91.146 KHz
<b>Brightness</b>	4000 Lumens	<b>Vertical Scan Rate</b>	24~ 85 Hz (120Hz for 3D feature)
<b>Contrast Ratio</b>	100,000:1 (dynamic black enabled)	<b>Displayable Colors</b>	1.7 Billion Colors
<b>Throw Ratio</b>	0.25:1 (distance/width), $\pm 5\%$ Variance	<b>Noise Level (Eco mode)</b>	30dB (ECO)
<b>Zoom Type</b>	Fixed lens - digital	<b>Power Supply</b>	AC input 90 – 264V, 50–60 Hz
<b>I/O Connectors</b>	2xHDMI (with MHL), Composite Video, 2xAudio-In (3.5mm & RCA), Mic-In (3.5mm), VGA-In, VGA-Out, Audio-Out (3.5mm), RS232, RJ-45, 2xUSB-A (USB Power and PC Free USB Media Player), USB-B (Service only)	<b>Power Consumption</b>	335W (Bright), 225W (ECO)
<b>Speaker (Watts)</b>	10W Mono Speaker	<b>Lamp Type</b>	Laser Phosphor
<b>Audio</b>	10W Mono Speaker	<b>Operating Temperature</b>	41–104°F (5–40°C), 85% max humidity
<b>Keystone Correction</b>	$\pm 40^\circ$ Vertical	<b>Color Wheel</b>	3 Segment; Y/G/B Wheel Diameter 59mm
<b>Aspect Ratio</b>	16:9 (native), 16:10, 4:3, Auto	<b>Projection method</b>	Front, rear, ceiling mount, table top
<b>Offset</b>	120% $\pm 3\%$	<b>Dimensions (WxHxD)</b>	15" x 12.5" x 5" (381 x 317.5 x 127mm)
		<b>Weight</b>	12.3 lbs