

# WXGA WIDESCREEN ULTRA SHORT THROW W320USTi



## INTERACTIVE WXGA UST PROJECTOR FOR BUSINESS AND EDUCATION



**DIGITAL  
CINEMA**

**AVAILABLE AT  
DIGITAL CINEMA**



**WXGA 4000 lumen ultra short throw projector with 20,000:1 contrast ratio**



**Large, clear and shadow-free 100" image from 24 inches away**



**4th generation TouchBEAM interactive technology for the ultimate in collaboration**



**Extensive connectivity, robust network control, and powerful 16-Watt speaker**



**Low total cost of ownership with 6500 hour lamp life and battery free Stylus**



The Optoma W320USTi delivers a 100" ultra bright 4000 lumens, clear and shadow-free images with rich and vibrant colors; all from a throw distance of 22 inches. The W320USTi is the ideal solution for permanent and temporary installations with limited space to mount or place a projector.

The W320USTi sports an impressive ultra bright 4000 lumen image, 20,000:1 contrast ratio, powerful 16-Watt speaker and amazing 6500-hour lamp life. With a powerful WXGA throw ratio of 0.27, the W320USTi allows for a 100" image from only 24 inches away.

The W320USTi's best-in-class TouchBEAM interactive technology is Windows 8.1 and Windows 10 compliant with full Windows Touch Support with 10 touch points. Whether participants are engaged using the included Stylus or their fingers, the W320USTi enables multiple participants to engage simultaneously with the presenter for the ultimate presentation experience.

### CONNECTIVITY (May require optional accessories)



Computers



Smart  
Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Digital  
Cameras



Apple TV®



Chromecast™

## OPTICAL/TECHNICAL SPECIFICATIONS

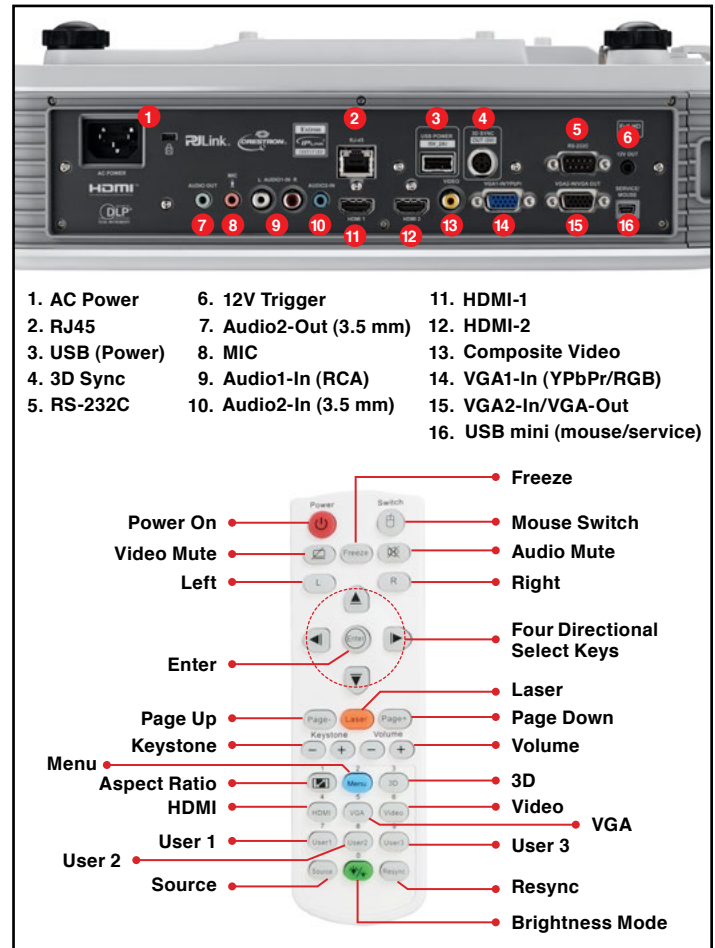
<b>Display Technology</b>	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
<b>Native Resolution</b>	WXGA (1280x800)
<b>Maximum Resolution</b>	WUXGA (1920 x 1200)
<b>Brightness</b>	4000 ANSI Lumens
<b>Contrast Ratio</b>	20000:1
<b>Displayable Colors</b>	1.07 Billion
<b>Lamp Life*</b>	3000/5000/5000/6500 Hrs (Bright/ECO/Dynamic/ECO+)
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±40° Vertical
<b>Uniformity</b>	85%
<b>Offset</b>	115%
<b>Aspect Ratio</b>	16:10 (native), 4:3, 16:9
<b>Throw Ratio</b>	0.27:1 (distance/width), ±5% Variance
<b>Projection Distance</b>	19.1"– 25.8" (0.485m - 0.656m)
<b>Image Size (Diagonal)</b>	85"–115"
<b>Projection Lens</b>	F/2.4; f=3.72 mm, Fixed Zoom
<b>Optical Zoom</b>	Fixed
<b>Digital Zoom</b>	Fixed
<b>Audio</b>	16W Mono Speaker
<b>Noise Level</b>	Min 29dB–Max 36dB
<b>Remote Control</b>	Full Function IR Remote with Laser
<b>Operating Temperature</b>	41–104°F (5–40°C), 85% max humidity
<b>Power Supply</b>	AC input 100–240V, 50–60Hz, auto-switching
<b>Power Consumption</b>	350W MAX Bright Mode / 300W MAX Eco mode (<0.5W Standby)
<b>High Altitude</b>	Operating Temp @ Sea Level to 10000 feet = 23C (max); MUST manually switch to high altitude mode @ 5000 feet & above (using OSD) to maintain optimal functionality.

## COMPATIBILITY SPECIFICATIONS

<b>Computer Compatibility</b>	WUXGA, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
<b>Video Input Compatibility</b>	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
<b>3D Compatibility<sup>†</sup></b>	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e 60 or 72 frames per eye). 3D glasses are needed and are sold separately. Refer to user manual for details.
<b>Vertical Scan Rate</b>	24–85Hz (120Hz for 3D)
<b>Horizontal Scan Rate</b>	15.3–91.1kHz
<b>User Controls</b>	Complete on-screen menu, adjustments in 25 languages
<b>I/O Connection Ports</b>	2x HDMI (1.4a 3D support), 3D-Sync Port Out, VGA1-In (YPbPr/RGB), VGA2-In/VGA-Out (shared), Composite Video, Audio1-In (analog RCA), Audio2-In (3.5 mm), Audio-Out (3.5 mm), RJ45, RS-232C, mini USB (remote mouse/service), 12V trigger, Mic, USB-A (power)
<b>LCT and Finger Touch Operating System Compatibility</b>	Mac OS X 10.9.x, 10.10.x, and 10.11.x Windows 7, Windows 8.1, and Windows 10
<b>Interactive Tools Operating System Compatibility</b>	Mac OS X 10.9.x, 10.10.x, and 10.11.x Windows 7, Windows 8.1, and Windows 10
<b>Epson Arm Mount Compatibility</b>	Adapter Plate for Epson UST Arm Mount (Part# EWMA2000)
<b>Promethean Arm Mount Compatibility</b>	Adapter Plate for Epson UST Arm Mount (Part# BM-4001P)
<b>Loop Through (Audio)</b>	Yes

## PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® lock port, security bar and keypad lock
<b>Weight</b>	10.53 lb (4.78 kg)
<b>Dimensions (W x H x D)</b>	15.15" x 4.72" x 12.20" (385 x 120 x 310 mm)



### Warranty

3-Year Optoma Express Service, 1-Year on Lamp

### What's in the Box

W320USTi projector, AC power cord, VGA cable, USB cable, remote control, batteries, quick start card, CD user manual, TouchBEAM interactive module, 2x passive pens

### Optional Accessories

Lamp, Remote, Wireless HDMI solution, Wireless VGA adapter, VGA to Component adaptor, RF 3D glasses, DLP® Link™ 3D glasses, RF 3D emitter, Laser curtain module (Replacement), Adapter plate for Epson arm mount, Optoma wall mount

### Accessory Part Numbers

Lamp: SP.72701GC01	Remote: SP.72702GC01
Wireless HDMI Solution: WHD200	Wireless VGA Adapter: BI-EXTBG03
VGA to component adaptor: BC-VGCRXY00	RF 3D glasses: ZF2300GLASSES
Optoma Wall mount: OWM2100	RF 3D emitter: BC300
Adapter plate for Epson arm mount: EWMA2000	DLP® Link™ 3D glasses: ZD302
Adapter plate for Promethean arm mount: BM-4001P	
Laser Curtain Module (replacement): SP.72703GC01	

UPC 796435 41 948 6

\*Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

<sup>†</sup>3D content can be viewed with either RF or DLP Link active shutter 3D glasses when projector is used with a compatible 3D player. *RF 3D glasses* require the use of an *RF 3D emitter* and a projector with a 3D VESA Sync port. Please visit [www.OptomaUSA.com](http://www.OptomaUSA.com) for more information.

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**Optoma**