

# MULTIMEDIA PROJECTORS BR320

**Optoma**  
Projector Expert

## EASY-TO-USE PERFORMANCE TOOL



Comprehensive connectivity to satisfy your current and future needs



15,000:1 Contrast ratio helps deliver the most impactful presentations



Up to 10,000 hours of lamp life for minimal cost of operation



Full featured remote for maximum convenience



RS-232C port for remote operation and control

Full 3D

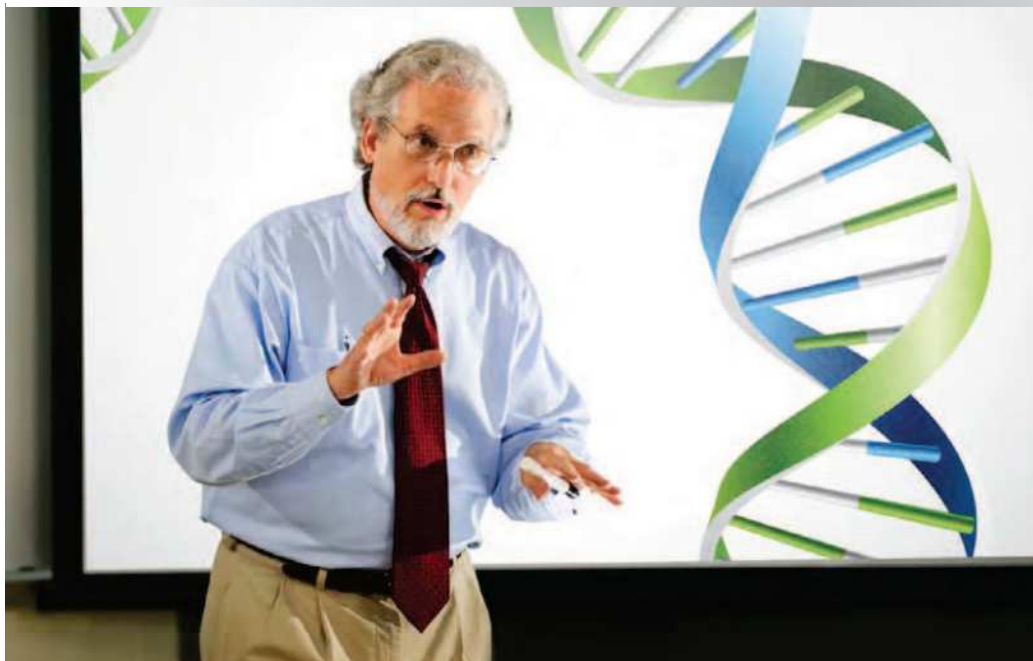
HDMI

HDTV  
MONITOR



DLP  
TEXAS INSTRUMENTS

RoHS  
COMPLIANT



The Optoma BR320 projector generates a powerful, up to 3200 lumens bright image, combined with an industry leading 15,000:1 contrast ratio to bring out the finest details on your most important presentations or class lessons. HDMI connectivity for full digital compatibility as well as two VGA inputs, composite and S-video to satisfy your current and future needs.

The BR320 is incredibly easy to operate. Connect power and source, press the power ON button, and you will be presenting in no time.

**CONNECTIVITY** (May require optional accessories)

# ProSelecta

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## MULTIMEDIA PROJECTORS — BR320

### OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single 0.55" DC3 DMD DLP® Technology by Texas Instruments™
<b>Native Resolution</b>	SVGA (800 x 600)
<b>Maximum Resolution</b>	UXGA (1600 x 1200) & 1080p (1920 x 1080)
<b>Brightness</b>	3200 lumens
<b>Contrast Ratio</b>	15,000:1 (full on/full off)
<b>Displayable Colors</b>	1.07 Billion
<b>Lamp Life and Type*</b>	10,000/6500/6000/4500 Hours (Education cycle/ECO+/Dynamic/Bright) 190W
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±40° Vertical
<b>Uniformity</b>	>80%
<b>Offset</b>	115%
<b>Aspect Ratio</b>	4:3 Native, 16:9 compatible
<b>Throw Ratio (distance/Width)</b>	1.97–2.17
<b>Projection Distance</b>	3.9'–32.8' (1.2–10 m)
<b>Image Size (Diagonal)</b>	30"–300" (0.7–7.62 m)
<b>Projection Lens</b>	F=2.51–2.69, f=21.95–24.18 mm, 1.1x manual zoom and focus
<b>Digital Zoom</b>	0.8 ~ 2.0
<b>Audio</b>	2-Watt speaker
<b>Noise Level</b>	26dB
<b>Remote Control</b>	IR remote mouse control
<b>Operating Temperature</b>	41–113°F (5–45°C), 85% max humidity
<b>Power Supply</b>	AC Input 100–240V, 50–60Hz, auto-switching
<b>Power Consumption</b>	Max 240W (Normal), Min 194W (Eco+), <0.5W (standby-ECO)

### COMPATIBILITY SPECIFICATIONS

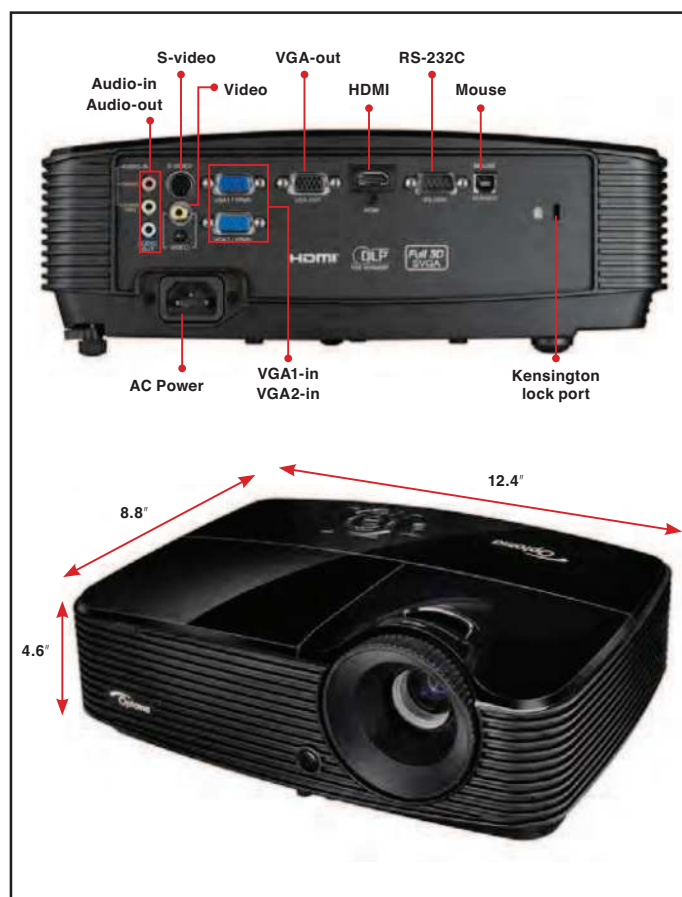
<b>Computer Compatibility</b>	UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Macintosh compatible
<b>Video Input Compatibility</b>	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
<b>3D Compatibility†</b>	Supports all HDMI 1.4a mandatory 3D format, side-by-side format and top and bottom format. 3D glasses are needed and sold separately.
<b>Vertical Scan Rate</b>	24–85Hz, 120Hz, 144Hz
<b>Horizontal Scan Rate</b>	15.375–91.146KHz
<b>User Controls</b>	Complete on-screen menu, adjustments in 27 languages
<b>I/O Connection Ports</b>	HDMI v1.4a, two VGA-in, VGA-out, S-video, composite video, two audio-in, audio-out, RS-232C, USB-B
<b>Loop Through (Audio, VGA)</b>	<i>Monitor:</i> D-Sub 15 pin VGA output (functional in both normal and standby modes), <i>Audio:</i> VAO audio out, HDMI VAO audio out supported, (VAO in normal mode, fixed during Standby)

### PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® Lock Port, security bar and keypad lock
<b>Weight</b>	4.9 lb (2.21 kg)
<b>Dimensions (W x H x D)</b>	12.4" x 4.6" x 8.8" (315 x 116.4 x 223.5 mm)

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

†3D content can be viewed with either RF or DLP Link active shutter 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.



#### Warranty

2-Year Optoma Express Service, 1-Year Lamp

#### In the Box (Standard Accessories)

AC power cord, VGA to VGA cable, remote control, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

#### Optional Accessories

HDMI cable, ceiling mount, component to VGA cable, composite video cable, RS-232 cable, S-video cable, Optoma screens and DLP® Link™ 3D glasses, carrying case

#### Accessory Part Numbers:

Lamp: BL-FU190C	Remote: BR-5043N
Mount: BM-5001U	Power cord (5m): BC-PUPIXY05
Wireless VGA dongle: BI-EXTBG03	DLP® Link™ 3D glasses: BG-ZD301
Carrying case: BK-4032	

UPC 796435 41 881 6

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