

# EP747 Digital Projector

## Delivering Style, Performance and High-Resolution Imagery

The Optoma EP747 XGA digital projector is the perfect projector for a variety of environments. A powerful performer from boardrooms to classrooms, the EP747 features 3000 lumens of brightness, extensive video and audio connectivity, and whisper quiet operation. The new Express On/Off feature eliminates long wait times, making the EP747 operation-ready in seconds.



## Features

- Ultra-bright **3000 lumens** for dazzling images in any environment
- Superb **2200:1 contrast ratio**
- **Express On/Off** feature powers on or off the projector in seconds
- Extensive **connectivity options**, including digital DVI with HDCP, 4 video and 4 audio sources
- **Innovative “Wind Tunnel” cooling** system delivers whisper-quiet operation with minimal light leakage
- **Fully featured remote mouse** with laser pointer
- **Photocatalysis (O2air™)** technology ensures air quality
- **Administrative password security system** prevents unauthorized usage & setting changes
- **Projector ID code** technology to identify and control by RS232 in a integration environment



## Specifications

### Brightness:

3000 Lumens (typical)

### Resolution:

Native XGA (1024 x 768)  
SXGA+ (1400 x 1050), PC Max  
720p, 1080i Video Max

### Contrast Ratio:

2200:1 (full on/off)

### Lamp Life and Type:

3000 hours (STD mode)  
230W P-VIP

### Display Type:

Single 0.7” DDR DLP™ technology  
by Texas Instruments

### Throw Ratio:

2.0 ~ 2.4:1 (distance/width)

### Projection Distance:

3.9’ to 39’

### Image Size:

30.75” to 300”

### Dimensions (w x h x d):

13.5” x 3.7” x 9.7”  
(347 x 95 x 347mm)

### Weight:

7 pounds (3.15kg)

### PC Compatibility:

SXGA+, SXGA, XGA, SVGA, VGA  
compression; VESA standards;  
PC and Macintosh compatible

### Video Compatibility:

NTSC (M, 3.58/4.43 MHz),  
PAL (B, D, G, H, I, M, N),  
SECAM (B, D, G, K, K1, L),  
HDTV (720p, 1080i),  
EDTV (480i/p, 576i/p)

### Projection Lens:

F/2.4 ~ 2.6, f = 28 – 33.6mm,  
1:2x manual zoom and focus

### I/O Connections:

DVI-D HDCP, 2x VGA (YPbPr,  
RGB), S-Video, Composite  
Video, USB, 4x stereo audio  
input, 1x stereo output, VGA  
monitor loop through, RS-232,  
2x IR Receiver

### Operating Temperature:

5 to 35 C°, 80% max humidity

### Storage Temperature:

-20 to 60 C°, 80% max humidity

### Uniformity:

85%

### Noise Level:

30dB (Britemod™)  
28dB (STDmode)

### Power Supply:

100-240 volts, 50 to 60 Hz

### Power Consumption:

265W, <10W standby power

### Warranty:

3 year limited warranty,  
90-day lamp warranty

### Standard Accessories:

AC power cord, VGA to VGA,  
S-Video, RS232 cable,  
Remote Control, Batteries for  
remote, Lens cap (hanging),  
Quick start guide, Warranty  
card, and Users guide

### Optional Accessories:

Bering Ceiling Mount, 15-pin  
to 3 RCA component/HDTV  
adapter, DVI to HDMI adapter,  
Gold Service warranty, Panoview  
projection screen series

### UPC:

796435 11 617 0