

# 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, four video and four 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 RS-232 in a integration environment



## Specifications

**Brightness (Typical)**  
3000 Lumens

**Resolution**  
Native XGA (1024 x 768)  
SXGA+ (1400 x 1050) Max  
PC Max: UXGA (1600 x 1200)  
Video Max: 720p, 1080i

**Contrast Ratio (Full On/Off)**  
2200:1

**Lamp Life and Type**  
3000 Hours (STD)  
230W P-VIP

**Display Type**  
0.7” DDR DLP® Technology  
by Texas Instruments

**Throw Ratio (Distance/Width)**  
2.0 ~ 2.4:1

**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 247mm)

**Weight**  
7 lbs (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, Two VGA (YPbPr,  
RGB), S-Video, Composite  
Video, USB, Four Stereo Audio  
Input, One Stereo Output, VGA  
Monitor Loop Through, RS-232,  
Two 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/28dB (STD/ECO)

**Power Supply**  
100-240 Volts, 50 to 60 Hz

**Power Consumption**  
265W, <10W Standby Power

**Warranty**  
3 Years Limited Parts and Labor,  
90 Days on Lamp

**Standard Accessories**  
AC Power Cord, VGA to VGA,  
S-Video, RS-232 Cable, Remote  
Control, Batteries for Remote,  
Lens Cap, Quick Start Guide,  
Warranty Card and User’s Manual

**Optional Accessories**  
Bering Ceiling Mount, 15-pin to  
3 RCA Component–HDTV Adapter,  
DVI to HDMI Adapter, Gold Service  
Warranty and GrayWolfil™ Series  
Screens

**UPC**  
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