

## HD7300 – Home Theater Projector

### Projector Plus Video Processor Equals the Finest in 720p Picture Quality

The Optoma HD7300 is a top-of-the-line 720p DLP® home theater projector and a studio-quality imaging processor. Featuring Texas Instruments' DarkChip3™ technology, the HD7300 is a unique projection system which creates vibrant, vivid images that are rich in color and contrast. The HD7300's two-piece design delivers impressive, personalized adjustment setting to achieve deep blacks, high precision and high-contrast images.



### Features

- Advanced 720p DarkChip3 DLP technology by Texas Instruments
- Bright 1000 lumens and 5000:1 (full on/off) contrast ratio delivers subtle details and vibrant images
- 4-way optical lens shift (vertical and horizontal), allows for ease and precision during projector installation
- Extensive connectivity options through image processor includes, three HDMI plus one external HDMI expansion, two BNC component YPbPr/RGBHV, two component, three s-video, three composite video, one VGA, RS-232, two 12V triggers and one IR port extension
- 10-bit video processing and advanced color enhancement, including user definable gamma, RGBCYM 6-color, 16 region adjustments and ISFccc color setting
- Single cable connection between projector and image processor eliminates the need for multiple cables, simplifying the installation
- Short throw lens capable of projecting 100" diagonal image from less than 10 feet

### Specifications

**Brightness (Typical)**  
1000 Lumens

**Resolution**  
Native 720p (1280 x 720)  
UXGA (1600 x 1200) Max

**Contrast Ratio (Full On/Off)**  
5000:1

**Image Processing**  
Motion Adaptive 480i, 576i, 720p and 1080i De-Interlacing, 10-bit Image Processing, Advanced 3D Comb Filter, Three Presets Plus Three Programmable Display Formats, Advanced Noise Reduction and Sharpening

**Color Management**  
User Definable Gamma, RGBCYM 6-Color 16 Region Adjustment, Three User Definable Modes Plus ISF<sub>ccc</sub> Color Settings

**Lamp Life and Type**  
2000/3000 Hours (STD/ECO), 250W UHP

**Display Type**  
Single 0.80" DarkChip3 DLP by Texas Instruments

**Throw Ratio (Distance/Width)**  
1.30:1 – 1.62:1

**Image Size (Diagonal)**  
30" to 300" (0.76 to 7.62 m)

**Lens Shift**  
Horizontal and Vertical

**Projection Distance**  
4.92' to 37.40' (1.5 to 11.4 m)

**Computer Compatibility**  
SXGA, XGA, SVGA, VGA, VESA, Macintosh and PC Compatible

**Video Compatibility**  
Full NTSC, PAL, SECAM, True HDTV (720p, 1080i/p), 480i/p, 576i/p

**User Controls**  
Advanced Adjustability Offered Through Onscreen Display Menus

**I/O Ports**  
*Video Processor:* Three HDMI Plus One External HDMI Expansion, Two BNC Component, Two Component, Three S-Video, Three Composite Video, One VGA, RS-232, Two 12V Triggers, One IR Port Extension  
*Projector:* DVI w/HDCP, Two Component Video, Composite Video (RCA), S-Video, RGB, RS-232, Dual IR Receivers

**Projection Lens**  
f=24.0 – 30.1 mm, F/2.36-2.50

**Noise Level**  
31dB/33dB (STD/ECO)

**Operating Temperature**  
23 - 95°F (-5 - 35°C), 80% Maximum Humidity

**Storage Temperature**  
-7 - 140°F (-20° - 60°C), 80% Maximum Humidity

**Weight**  
*Projector:* 14 lbs (6.2 kg)  
*Video Processor:* 9.2 lbs (4.2 kg)

**Dimensions (W x D x H)**  
*Projector:* 13.5" x 12.5" x 5.6" (342 x 320 x 144 mm)  
*Video Processor:* 16" x 12" x 5.5" (406 x 304 x 139 mm)

**Power Consumption**  
370 Watts, <5 Watts (Standby)

**Power Supply**  
AC Input 100-240 Volts, 50-60 Hz

**CEDIA Features**  
ISF<sub>ccc</sub>, Discrete IF Commands (On/Off, Sources, Formats, User Settings), External IR Input Pod, RS-232 Control, Programmable 12V Trigger

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

**Standard Accessories**  
AC Power Cord, DVI to HDMI Cable, S-Video Cable, Composite Cable, Remote Control, Lens Cap, Two Batteries for Remote, User's Manual, RS232 Cable and IR Expansion

**Optional Accessories**  
Ceiling Mount, GrayWolfIT™ Series Screens, Carrying Case and Gold Service Warranty

**UPC**  
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