

# H79

## Optoma's H79 flagship home theater projector features hand-picked optics and DarkChip3™ DLP™ for those who demand the best

The Optoma H79 home theater projector is "one step closer to home theater perfection," according to ProjectorCentral.com. The flagship H79 is part of Optoma's Custom Series line, which offers the best in home theater entertainment. Each key component of the H79 has been hand-selected to deliver amazing quality and provide the most vivid, clear and immersive digital experience possible. With Texas Instrument's DarkChip3™ DLP™ technology, the H79 delivers a wider and smoother color palette with virtually no dithering, as well as incredibly rich images that won't fade or degrade over time. The Optoma H79 home theater projector is ideal for the most discerning of home theater enthusiasts.

The Optoma Custom Series is available only through authorized Optoma dealers.

- ◆ **Advanced DarkChip3™ DLP™ Technology**
- ◆ **HDTV native for viewing widescreen TV signals**
- ◆ **Expanded connectivity includes DVI-I, BNC, component and S-Video hookups**
- ◆ **4500:1 contrast ratio – twice that of a professional theater – delivers subtle color details**
- ◆ **Bright 1000 lumens rating**
- ◆ **Lamp life of 3,000 hours while operating at 23 decibels**

### SPECIFICATIONS

**Brightness:** (typical)  
1000 lumens

**Resolution:**  
720p native (1,280 x 720)  
UXGA (1,600 x 1,200)  
compression

**Contrast Ratio:** (full on/full off)  
4500:1

**Lamp Life and Type:**  
Estimated at 3,000 hours  
250W UHP

**Display Type:**  
DarkChip3 0.79-inch 12-degree DLP™ from Texas Instruments

**Throw Ratio:** (distance/width)  
1.6:1 - 2.16:1

**Image Size:** (diagonal)  
20.9 to 338.8 inches  
(0.53 to 8.6 meters)

**Projection Distance:**  
3.28 to 39.37 feet  
(1.0 to 12 meters)

**Noise Level:**

**Compatibility:**  
VGA, SVGA, XGA, WXGA, UXGA  
compression, Full NTSC/PAL/SECAM,  
VESA, Mac, PC True HDTV (720p, 1080i) &  
480/p, 576i/p

**Communications:**  
Dual +12V trigger relay, RS-232 controls

**Lens Shift:**  
Enables image to be displayed 100% above  
or below the center of the lens

**User Controls:**  
Advanced adjustability offered through  
onscreen display menus

**I/O port:**  
Inputs: DVI-I/HDCP, BNC, YcbCr/YpbPr,  
RCA-type jack, S-Video, dual IR receivers  
Outputs: Dual +12V relay, RS-232

**Power Consumption:**  
320 watts, <20 watts in standby mode

**Power Supply:**  
AC Input 90 to 264 volts, 50-60 Hz

**Projection Lens:**  
f=28.3 – 38.2 mm, F/2.4-2.69, 1.35x power  
zoom and focus

**Operating Temperature:**  
23 - 95°F (-5 - 35°C)  
80% maximum humidity

**Storage Temperature:**  
14 - 140°F (-10° - 60°C)  
80% maximum humidity

**Weight:**  
16.5 pounds (7.5 kg)

**Dimensions (w x h x d):**  
16.9 x 5.3 x 12.0 inches  
(430 x 135 x 305 mm)

**Warranty:**  
1 year advance replacement,  
Three years limited parts and  
labor, 90 Days on Lamp

**Standard Accessories:**  
DVI-I to HDMI adapter, AC  
power cord, S-Video cable,  
composite cable, Remote  
control, lens cap, two batteries,  
user manual, RS232 cable

**UPC:**  
796435 11 597 5

*Custom*  
SERIES

