Blur-Busting Gaming Projection
GT1080HDR

Exceptional short throw, 120Hz, huge-screen gaming

- Short throw 0.5:1 projection lens
- Incredible 3,800 lumens and 50,000:1 contrast ratio
- 4K UHD and 1080p HDR (HDMI 2.0) input compatible
- Accurate color with sRGB & REC.709 color profile
- Enhanced Gaming Mode delivers up to 8.4ms response time at 1080p, 120Hz
- Powerful 10-watt speaker
- Minimal maintenance with 15,000 hour lamp life

Elevate your gaming experience with the short throw, 1080p, 3,800 lumens Optoma GT1080HDR. Enhanced Gaming Mode combined with a 120Hz refresh rate enable blur-free visuals with lightning-fast, 8.4ms response time for a competitive gaming advantage.

Keystone correction delivers flexible installation options. Powerful 10-watt audio fills a room with loud and crisp audio to further enhance media and presentations.

Robust inputs include HDMI 2.0 and VGA for connectivity to a wide range of devices. A 15,000-hour lamp life enables many years of use with minimal maintenance.
Optical/Technical Specifications

Display Technology: Texas Instruments 0.65" 1080p DMD
Color Wheel: 6 Segment; RYGCWB
Native Resolution: 1080p (1920 x 1080)
Maximum Resolution: HDMI 2.0: 4K UHD (3840 x 2160)
HDMI 1.4a: WUXGA (1920 x 1200)
Brightness: 3,800 ANSI lumens
Contrast Ratio: 50,000:1
HDR (High Dynamic Range): 4K UHD and 1080p HDR10 compatible (HDMI 2.0 port only)
Input Response: Enhanced Gaming Mode (keystone disabled when in use)
Displayable Colors: 1.07 billion
Lamp Life and Type*: 4,000/10,000/15,000 (Bright/Eco/Dynamic)
Light Source Type*: 245W lamp
Projection Method: front, rear, ceiling mount, table top
Keystone Correction: ±40 degree (vertical)
Geometry: Keystone correction
Lens Shift: N/A
Uniformity: 80%
Offset: 116% ±5%
Aspect Ratio: 16:9(native), 4:3, LBX and auto compatible
Throw Ratio: 0.50:1
Image Size: 1.3' - 11.3'
Projection Lens: F/2.8; f=7.42mm, fixed lens
Optical Zoom: N/A
Digital Zoom: 0.8 - 2.0x
Audio: 10W
Noise Level: 26 dB
Remote Control: Full size remote
360° and Portrait mode operation: No
Operating Temperature: 41–104°F (5–40°C), 85% max humidity
Power Supply: AC input 100 - 240V, 50 - 60 Hz, auto-switching
Power Consumption: 325W max, 295W typical (Bright mode), 225W max, 205W typical (Eco Mode)
High Altitude: Operating temperature at sea level up to 10,000 feet = 104° F (max); Must manually switch to high altitude mode from 5,000 feet and above (using OSD menu) to maintain optimal functionality

Compatibility Specifications

Computer Compatibility: VGA, SVGA, HDTV(720p), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA
Video Input Compatibility: PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p
3D Compatibility†: Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e. 60 or 72 frames per eye), 3D glasses are needed and are sold separately. Refer to user manual for details.
Vertical Scan Rate: 50– 85 Hz (120Hz for 3D feature projector)
Horizontal Scan Rate: 15.375–91.146 KHz
Input Lag: 32ms
I/O Connection Ports: 1x HDMI 2.0, 1x HDMI 1.4a, 1x VGA, 1x audio in, 1x USB-A, 1x VGA out, 1x audio out
Control: RS232

Physical Specifications

Security: Kensington® lock port, password (OSD)
Weight: 7.7 lbs
Dimensions (W x H x D): 12.4(W) x 9.5 (D) x 4.5(H)

*Light source life is dependent on brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.
†Watching 3D projection while wearing 3D glasses for an extended period of time may cause headaches or fatigue. If you experience a headache, fatigue or dizziness, stop viewing the 3D projection and rest.