Smart 4K UHD Laser Cinema
CinemaX P1 ultra short throw projector

All-in-one home entertainment system

- 3,000 lumens laser light source with 1,500,000:1 contrast ratio
- 4K UHD HDR with high-performance glass lens
- NuForce Dolby Digital 2.0 audio with 2 full range aluminum drivers and 2 woofers
- SmartFIT companion app with auto geometry correction system for Android and iOS
- Smart+ technology with Alexa, Google Actions and IFTTT integration, and InfoWall
- Dolby Digital and Dolby Digital Plus passthrough via HDMI ARC or optical S/PDIF

Bring the cinematic experience home with the 3,000 lumens, ultra short throw, Optoma CinemaX P1 Smart 4K UHD Laser Cinema projector. The space-saving design, high-performance glass lens and SmartFIT auto geometry correction system ensure easy place and play setup for an instant huge screen experience anywhere.

Wide color gamut and HDR support with a 1,500,000:1 contrast ratio provides stunning color accuracy, brighter whites and deeper black levels. An integrated Dolby Digital 2.0 soundbar with two full range aluminum drivers, two woofers, ported, isolated chambers and 40 watts of power, engineered by NuForce, delivers crisp details with superior dialogue clarity.

Smart+ technology enable Amazon Alexa, Google Assistant and IFTTT support for easy integration into your smart home while InfoWall provides a personalized, configurable information display. An Android OS with smart TV apps and Optoma Marketplace deliver USB media playback compatibility, Internet streaming services and downloadable apps.

CONNECTIVITY (May require optional accessories)
see it all. control it all. play it all.

Take control of your home theater with voice commands. With the Alexa smart home and custom skills or Google Actions, control your smart+ projector with intuitive voice control using Amazon Echo and Google Home devices. IFTTT support enables interoperability with thousands of other smart devices.

**amazon alexa features**

**smart home skill commands:**
- power on/off, volume control (1-10), change input source, media player controls (play, stop, pause, next, previous, FF, REW, start over)

**custom skill commands:**
- change display mode, HDR picture mode, PureMotion setting

**google assistant features**

**actions commands:**
- power on/off, volume control (1-10), change input source, media player controls (play, stop, pause, next, previous, FF, REW, start over), change display mode, HDR picture mode, PureMotion setting

**region support**
- all regions - english only

**entertainment center furniture**

Recommended height
- 13" - 18" (124% offset)

**smart features**

- *Operating system:* Android 8.0 with customizable launcher
- *USB media player compatibility:* MKV, MP4, M4V, AVI, H.264, HEVC, MOV, TS
- *video streaming:* Available Optoma Marketplace with access to YouTube 4K Netflix (480p), CNBC, TED TV, NBA TV, CNBC, BBC & more
- *PC-free image viewer and document viewer:* Supports viewing of office documents (Word, Excel & PowerPoint), PDFs and images via USB storage devices
- *autoplay PDF / PowerPoint:* 3, 5, 10, 15 & 20 second intervals
- *smart home features:* Amazon Alexa, Google Assistant & IFTTT integration
- *SmartFIT:* iOS (App Store) & Android (Play Store & Amazon Appstore)
OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology: Single 0.47” 4K UHD ECD DMD by Texas Instruments™

Color Wheel: RGBYRGBY 8 segment color wheel

Native Resolution: 4K UHD 3840 x 2160 @ 60Hz with XPR Technology

Maximum Resolution: 4K 4096 x 2160 @ 30Hz

Brightness: 3,000 ANSI lumens

Contrast Ratio: Up to 1,500,000:1 with Dynamic Black

Color Gamut Support: REC.709 color gamut provides rich accurate color based on the HDTV broadcast specification. DCI-P3 wide color gamut with REC.2020 tone mapping produces rich, vibrant, life-like color

HDR (High Dynamic Range): HDR10 compatible (REC.2020)

Picture Modes: Normal, Bright, Detail, Film

HDMI SIM (simulate HDR effect with non-HDR content)

4K UHD Upscale: Upscales WXGA, 720p, 1080p, WUXGA, 1440p resolutions and frame rates up to 4K UHD (3840 x 2160), 60 Hz

Video Processing: PureMotion technology eliminates noise, motion blur and judder in fast motion video, producing clear and consistently smooth images

Input Response: 55ms (4K UHD, 60 Hz)

SmartFit and PureMotion must be disabled for PC and console gaming.

Color Depth: 3840 x 2160 @60Hz YUV 4:4:4 (8bit, 10bit, 12bit), YUV 4:2:2 (8bit, 10bit, 12bit), YUV 4:2:0 (8bit, 10bit, 12bit)

4K UHD Upscale: 3840 x 2160 @60Hz YUV 3:0:0 (8bit, 10bit, 12bit)

Video Processing: PureMotion technology eliminates noise, motion blur and judder in fast motion video, producing clear and consistently smooth images

Light Source Life: Up to 30,000/20,000 hours (Eco/Normal)

Projection Method: Table top

Vertical Lens Shift: NA

Uniformity: 90%

Offset: 124% +6%/−2,5%

Aspect Ratio: 16:9 (native), 4:3 and LBX compatible

Throw Ratio: 0.25:1

LaserGuard: 2 PIR sensors that automatically lower light source when person or object is in the light path

Projection Distance: 8” ~ 16.5” (from back of projector to projection surface)

Image Size: 85” - 120”

Projection Lens: F=2.04, f=525mm

Focus: Digital focus, adjustable with remote control

Digital Zoom: 0.8x - 2.0x

Audio: NuForce 40W Dolby Digital 2.0 soundbar with 2 full range aluminum drivers, 2 woofers and ported chambers. Sound effects: Movie, Music, Sport, Game, Night

Noise Level: 26dB

Remote Control: Rechargeable Bluetooth smart home remote & air mouse

Operating Temperature: 41–104°F (5–40°C), 85% max humidity

Power Supply: AC input 100–240V, 50–60Hz, auto-switching

Power Consumption: 410W max (Bright), 360W typical (Bright), 250W max (Eco), 225W typical (Eco)

High Altitude: Operating temp @ sea level to 10,000 feet = 23°C (max); must manually switch to high altitude mode @ 5,000 feet & above (using OSD)

COMPATIBILITY SPECIFICATIONS

Computer Compatibility: 4K UHD 2160p, 4K DC, WUXGA, HDTV 1080p, UXGA, SXGA, WXGA+, WXGA (1280 x 800), WUXGA (1920 x 1080), HDTV (720p), XGA, SVGA, VGA, and Mac compatible

Video Compatibility: 4K UHD 2160p (24/50/60Hz), 1080p (24/50/60Hz), 30Hz (50/60Hz), 720p (50/60Hz), 480i/p, 576i/p

HDR Source Compatibility: Ultra HD Blu-Ray player, 4K UHD streaming media device (Roku 4K Ultra, Xbox One S / One X (Ultra HD Blu-ray, 4K media streaming & HDR gaming) and Ps4 Pro (4K UHD media streaming and 4K UHD gaming only)

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). 1080p 120 Hz PC 3D not supported. 3D glasses are needed and are sold separately. Refer to user manual for details.

Scan Rate: Vertical: 50 – 85 Hz (120Hz for 1080p 3D feature projector)

I/O Connection Ports: 1x HDMI 2.0 (HDCP 2.2, 2x HDMI 2.0 (HDCP 2.2, HDMI-ARC), 1x HDMI 2.0 (HDCP 2.2, side), 1x USB 2.0 (4K media player), USB 2.0 power (side), USB (service), optical S/PDIF out, audio out (3.5mm, subwoofer compatible), RJ45

Loop Through (Audio): Optical S/PDIF & HDMI-ARC (PCM, Dolby Digital and Dolby Digital Plus bitstream / pass through) (Dolby ATMOS passthrough via HDMI-ARC)

NETWORK CONNECTIVITY

Wi-Fi: 802.11ac (dual-band, 2x2)

Wi-Fi Security: WEP, TKIP, AES, WPA, WPA2

Bluetooth: Bluetooth 4.0

Firmware: OTA updates via Wi-Fi or Ethernet

PHYSICAL SPECIFICATIONS

Security: Kensington® lock port, password (OSD)

Weight: 24.25 lbs.

Dimensions (W x H x D): 22.1” x 5.1” x 15”

Warranty: 2 Year parts and labor limited warranty on the projector, 5-year or 12,000 hour light source warranty (whichever comes first)

What's in the Box: Optoma P1 distance cards (replacement): BD-25120 Bluetooth smart home remote with Airmouse (rechargeable), power cable

Accessories: 3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D projector. Please visit us at Optoma.com for more information.

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