

# 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, Dolby Digital Plus and DTS audio passthrough via HDMI ARC or optical S/PDIF

premium audio by  
**NU FORCE**



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)



4K UHD Blu-ray Player



4K Game Console



4K Media Streaming



Computers

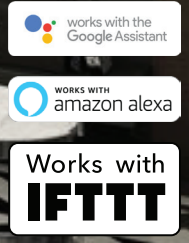
# smart+

## 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.



### NU FORCE PREMIUM SOUNDBAR

- Dolby Digital 2.0
- 2x full range aluminum drivers
- 2x woofers
- Ported and isolated chambers
- 40 watts of total power

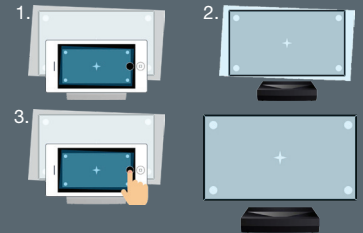


**Ultra Short Throw**  
Easy place and play setup.



### SmartFIT

Auto geometry correction system ensures hassle-free setup that produces incredible projections using a smartphone.



### LaserGuard

Built-in sensors detect objects in the light path to automatically dim the light source.



### SMART FEATURES

<b>Operating System</b>	Android 8.0 with customizable launcher
<b>USB Media Player Compatibility</b>	<b>Videos:</b> 480p, 720p, 1080p, 1440p, 4K UHD, 4K UHD HDR <b>File formats:</b> MKV, MP4, M4V, AVI, H.264, HEVC, MOV, TS <b>Audio:</b> MP3, AAC, WAV, FLAC 16/24-bit <b>Images:</b> JPEG, BMP, GIF
<b>Video streaming</b>	Available Optoma Marketplace with access to YouTube 4K Netflix (480p), CNBC, TED TV, NBA TV, CNBC, BBC & more
<b>PC-free Image Viewer and Document Viewer</b>	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
<b>Smart Home Features</b>	Amazon Alexa, Google Assistant & IFTTT integration
<b>SmartFIT</b>	iOS (App Store) & Android (Play Store & Amazon Appstore)

### AMAZON ALEXA FEATURES

<b>Smart Home Skill</b>	<b>Commands:</b> power on/off, volume control (1-10), change input source, media player controls (play, stop, pause, next, previous, FF, REW, start over)
<b>Custom Skill</b>	<b>Commands:</b> change display mode, HDR picture mode, PureMotion setting
<b>Alexa AV Gear Region Support</b>	United States - English, Canada

### GOOGLE ASSISTANT FEATURES

<b>Actions</b>	<b>Commands:</b> 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
<b>Region Support</b>	All regions - English only



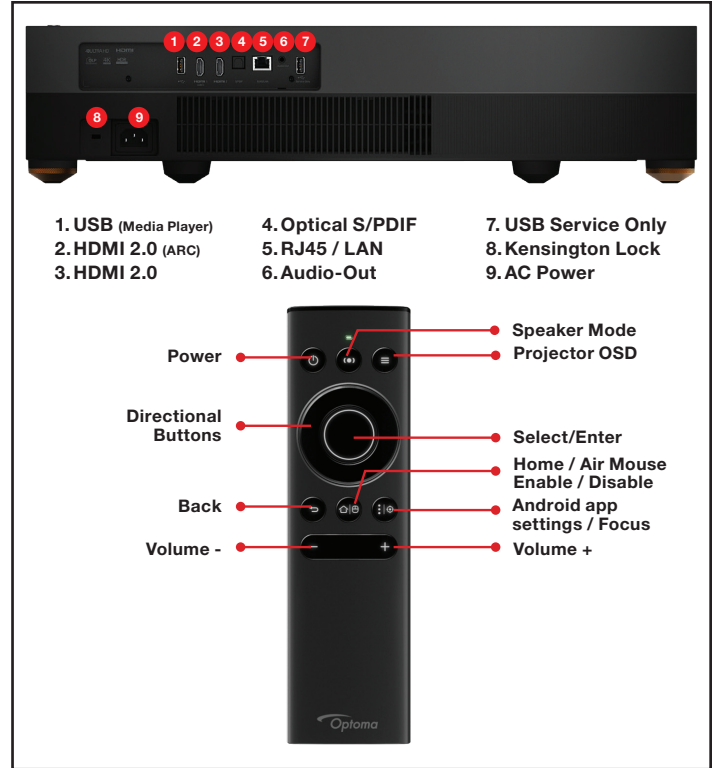
# 4K UHD Smart Projector - CinemaX P1

## OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single 0.47" 4K UHD ECD DMD by Texas Instruments™
<b>Color Wheel</b>	RGBYRGBY 8 segment color wheel
<b>Native Resolution</b>	4K UHD 3840 x 2160 @ 60Hz with XPR Technology
<b>Maximum Resolution</b>	4K 4096 x 2160 @ 30Hz
<b>Brightness</b>	3,000 ANSI lumens
<b>Contrast Ratio</b>	Up to 1,500,000:1 with Dynamic Black
<b>Color Gamut Support</b>	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
<b>HDR (High Dynamic Range)</b>	HDR10 compatible (REC.2020) Picture Modes: Normal, Bright, Detail, Film HDR SIM (simulate HDR effect with non-HDR content)
<b>4K UHD Upscale</b>	Upscales WXGA, 720p, 1080p, WUXGA, 1440p resolutions and frame rates up to 4K UHD (3840 x 2160), 60 Hz
<b>Video Processing</b>	PureMotion technology eliminates noise, motion blur and judder in fast motion video, producing clear and consistently smooth images
<b>Input Response</b>	55ms (4K UHD, 60 Hz, Game Mode) SmartFIT and PureMotion must be disabled for Game Mode
<b>Color Depth</b>	3840 x 2160 @30Hz YUV 4:4:4 (8bit, 10bit, 12bit), YUV 4:2:2 (8bit, 10bit, 12bit), YUV 4:2:0 (8bit, 10bit, 12bit) 3840 x 2160 @60Hz YUV 4:4:4 (8bit), YUV 4:2:2 (8bit), YUV 4:2:0 (8bit, 10bit, 12bit)
<b>Light Source Life</b>	Up to 30,000/20,000 hours (Eco/Normal)
<b>Projection Method</b>	Front, rear, ceiling, table top
<b>Vertical Lens Shift</b>	NA
<b>Uniformity</b>	90%
<b>Offset</b>	124% +6%/-2.5%
<b>Aspect Ratio</b>	16:9 (native), 4:3 and LBX compatible
<b>Throw Ratio</b>	0.25:1
<b>LaserGuard</b>	2 PIR sensors that automatically lower light source when person or object is in the light path
<b>Projection Distance</b>	8" - 16.5" (from back of projector to projection surface)
<b>Image Size</b>	85" - 120"
<b>Projection Lens</b>	F=2.04, f=525mm
<b>Focus</b>	Digital focus, adjustable with remote control
<b>Digital Zoom</b>	0.8 - 2.0x
<b>Audio</b>	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 Bluetooth speaker mode support
<b>Noise Level</b>	26dB
<b>Remote Control</b>	Rechargeable Bluetooth smart home remote & air mouse
<b>Operating Temperature</b>	41-104°F (5-40°C), 85% max humidity
<b>Power Supply</b>	AC input 100-240V, 50-60Hz, auto-switching
<b>Power Consumption</b>	410W max (Bright), 360W typical (Bright), 255W max (Eco), 225W typical (Eco)
<b>High Altitude</b>	Operating temp @ sea level to 10,000 feet = 23C (max); must manually switch to high altitude mode @ 5,000 feet & above (using OSD)

## COMPATIBILITY SPECIFICATIONS

<b>Computer Compatibility</b>	4K UHD 2160p, 4K DC, WUXGA, HDTV 1080p, UXGA, SXGA, WXGA+, WXGA (1280 x 800), WXGA, HDTV (720p), XGA, SVGA, VGA, PC and Mac compatible
<b>Video Compatibility</b>	4K UHD 2160p (24/50/60Hz), 1080p (24/50/60Hz), 1080i (50/60Hz), 720p (50/60Hz), 480i/p, 576i/p
<b>HDR Source Compatibility</b>	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 HDR gaming only)
<b>3D Compatibility†</b>	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.
<b>Scan Rate</b>	Vertical: 50- 85 Hz (120Hz for 1080p 3D feature projector)
<b>I/O Connection Ports</b>	1x HDMI 2.0 (HDCP 2.2), 1x 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
<b>Loop Through (Audio)</b>	Optical S/PDIF & HDMI-ARC (PCM, Dolby Digital and Dolby Digital Plus bitstream / pass through)



## NETWORK CONNECTIVITY

<b>Wi-Fi</b>	802.11ac (dual-band, 2x2)
<b>Wi-Fi Security</b>	WEP, TKIP, AES, WPA, WPA2
<b>Bluetooth</b>	Bluetooth 4.0
<b>Firmware</b>	OTA updates via Wi-Fi or Ethernet

## PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® lock port, password (OSD)
<b>Weight</b>	24.25 lbs.
<b>Dimensions (W x H x D)</b>	22.1" x 5.1" x 15"

### Warranty

3-year Optoma Express service

### What's in the Box

CinemaX P1, distance cards, quick start guide, Bluetooth smart home remote with Airmouse (rechargeable), HDMI cable, power cable, warranty card

### Optional Accessories

Bluetooth smart home remote with airmouse (replacement), CinemaX P1 distance cards

### Accessory Part Numbers

Bluetooth smart home remote with airmouse: BR-3074R  
CinemaX P1 distance cards: BD-25120

UPC 796435 81 338 3

Optoma.com



†Light source life is dependent upon many factors, including brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

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

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