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 a 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.
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

Alexa AV Gear Region Support
United States - English, Canada

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
**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 produces rich accurate color based on the HDTV broadcast specification. DCI-P3 wide color gamut with RECM.2020 tone mapping produces rich, vibrant, life-like color

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

**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)

**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)

**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**
0.23:1

**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”

**Focus**
Digital focus, adjustable with remote control

**Digital Zoom**
0.8 - 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), 410W max (Eco), 360W typical (Eco)

**High Altitude**
Operating temp @ sea level to 10,000 feet = 23C (max)

**COMPATIBILITY SPECIFICATIONS**

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

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

**HDR Source Compatibility**
Ultra HD Blu-ray player, 4K UHD streaming media device (Ro Ku 4K Ultra, Xbox One S / One X (Ultra HD Blu-ray), 4K media streaming & HDR gaming) and P44 Pro (4K UHD media streaming and 4K UHD HDR gaming)

**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), 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

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

**NETWORK CONNECTIVITY**

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

**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

**UPC**
796435 81 338 3

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*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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