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.
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

SMART FEATURES

Operating System
- Android 8.0 with customizable launcher

USB Media Player Compatibility
- Videos: 480p, 720p, 1080p, 1440p, 4K UHD, 4K UHD HDR
- File formats: MKV, MP4, M4V, AVI, H.264, HEVC, MOV, TS
- Audio: MP3, AAC, WAV, FLAC 16/24-bit
- Images: JPEG, BMP, GIF

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)

PREMIUM SOUNDBAR

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

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

Ultra Short Throw
- Easy place and play setup.
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
HDR SIMD (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 @ 4:4:4 (8bit, 10bit, 12bit), YUV 4:2:0 (8bit, 10bit, 12bit)
Operating Temperature: 45~ 104°F (5–40°C), 85% max humidity
Remote Control: 26dB Noise Level
Sound effects: Movie, Music, Sport, Game, Night
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
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 & airmouse
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), 0.25:1 Throw Ratio
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: 0.8 – 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 & airmouse
Power Supply: AC input 100–240V, 50–60Hz, auto-switching
Power Consumption: 410W max (Bright), 360W typical (Bright), 260W 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), WXGA, HDTV (720p), XGA, SXGA, 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
HDMI 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 & 4K HDR 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-M, 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
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

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”

COMPATIBILITY SPECIFICATIONS

Computer Compatibility: 4K UHD 2160p, 4K DC, WUXGA, HDTV 1080p, UXGA, SXGA, WUXGA, WXGA (1280 x 800), WXGA, HDTV (720p), XGA, SXGA, 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
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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.
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Loop Through (Audio): Optical S/PDIF & HDMI-ARC (PCM, Dolby Digital and Dolby Digital Plus bitstream / pass through) (Dolby Atmos passthrough via HDMI-ARC)

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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.
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