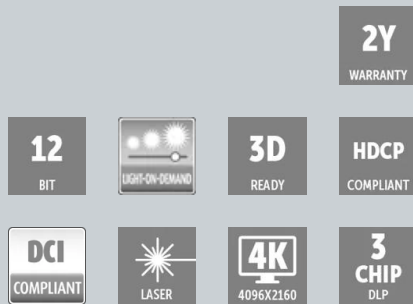


# Thor+

The hammerwielding god of lightning, brings 6P RGB laser projection to the most exclusive homes for the first time.



- Cinema at Home Series
- Native 4K Resolution (4,096 x 2,160)
- 6P RGB Laser
- Up to 32,000 ANSI Lumens

The Thor platform represents the pinnacle of Barco Residential's projection portfolio.

Thor's perfectly designed, 6P RGB laser technology, 32,000 lumen output and hermetically sealed 4K DLP® engine, delivers reality altering levels of immersion for the largest home theatres.

### World's most powerful residential projector

Thor+ is the world's most powerful residential projector with integrated laser 6P RGB laser, 4K 3D projection solution for Cinema at Home. In order to reliably achieve long lifetime at brightness levels twice that of xenon projectors, a sophisticated control system actively cools both laser modules and the DMD engine, providing a predictable 30,000 hour lifetime with at least 80% of the initial brightness.

### Laser speckle

Thanks to Barco's industry-leading technology to minimize laser speckle, Thor+ is able to provide superior 2D and 3D images on both white and silver screens.

### Color convergence mechanism

Thor+ also features our unique and highly acclaimed analog color convergence mechanism. By allowing the green and red DMD chips to be manually adjusted, perfect convergence can be achieved. This attention to detail renders images sharper and more immersive than ever be

fore.

### **Hand built**

Not every projector can claim to be handbuilt, Thor can.

Even though we are using state-of-the-art technologies for most processes – such as measuring, calibrating, assembling our electronics, and manufacturing the delicate optics and mechanics – every single step of the process is overseen by specifically trained professionals. Moreover, the assembly of vital parts is performed by hand, guaranteeing ultimate quality at all stages of manufacture.

## 技術仕様

## THOR+

一般仕様	
プロジェクタータイプ	Three chip DLP
使用技術	3 x 1.38" DMD™
解像度	4,096 x 2,160 (4K)
アスペクト比	1.89:1
光源	6P RGB Laser
光源寿命	30,000 Hours or more Replaceable illumination
光出力	Up to 32,000 ANSI lumens
CLO (コンスタント照明出力)	Yes
コントラスト比	6,000:1 Sequential 1,100:1 ANSI w/High Contrast Lens
輝度均一性	80% at sides 75% at corners
レンズ群	(R98013983) -4K-VHC HDR (1.13 - 1.72:1) * (R98013333) -4K-VHC HDR (1.35 - 1.84:1) * (R98013343) -4K-VHC HDR (1.45 - 2.10:1) * (R98013533) -4K-VHC HDR (1.65 - 2.70:1) * (R98013543) -4K-VHC HDR (1.98 - 3.40:1) *  (R98562942) -DC4K HC (1.35 - 1.86:1) (R98562972) -DC4K HC (1.46 - 2.10:1) (R98563002) -DC4K HC (1.65 - 2.60:1) (R98563032) -DC4K HC (2.00 - 3.35:1)  * Standard Lens Option(s)
光学レンズシフト	Up to 25% vertical lens shift & up to 15% horizontal lens shift Motorized zoom, focus, shutter and lens shift <a href="#">Download Lens Data Here</a>
傾斜	20° Forwards 5° Backwards
光学ダウザー	Yes
色補正	P7
色階調	REC2020
画像処理	Alchemy - Integrated Cinema Media Processor (ICMP)
WARP	N/A
方向	Pedestal / Table Top
ネットワーク接続	10/100 Ethernet via RJ45 connection
ソフトウェア・ツール	Barco Communicator
統合ウェブ・サーバー	No
HDR	HDR10
3D	Color3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses (Dolby3D glasses cannot be reused) Active glasses systems Polarization recuperation systems

**技術仕様****THOR+**

入力	Barco Alchemy ICMP included in the projector: 2 x HDMI2.0a (up to 4K 2D 60fps) 2 x 3G-SDI inputs 16 x AES/EBU audio channels (2 x RJ45) 8 x GPI, 8 x GPO (4 x RJ45) 2 x Gbe for content connectivity & ingest 2 x front-accessible USB 3.0 for fast ingest 2 x front-accessible USB 2.0  DCI 4K 2D up to 60fps* DCI 4K 3D (24 or 30fps per eye)* DCI High Frame Rates 2K 3D up to 120fps (60fps per eye) JPEG 2000 bit-rates up to 625 Mbps MPEG-2 (4:2:0 and 4:2:2 up to 60fps)
入力解像度	VGA up to 4K (4,096 x 2,160) @ 120Hz
DCI	DCI Compliant
インテグレイティッドストレージ	3.9TB effective storage (RAID-5) via 3 x 2TB Hot-swappable 2.5" hard-drives
制御	RS232, TCP/IP, 8 x GPIO
電源要件	Projector: Y connection: 200-240V / 346-415V 50-60Hz 16A 3W+N+PE Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG Circuit breaker range: 25A to 40A  Delta connection: 200-240V 3W+PE 28A 50-60Hz Power cord size: 6 sq mm, 8AWG Circuit breaker: 40A  Chillers (each): Y connection: 230/400V 3W+N+PE 16A 2.5 sq mm Delta connection: 208V / 3W+PE Max. 16A per phase
消費電力	Projector (Full Laser Power): 6.7 kW (2D or Polarization 3D) 3.6 kW (Barco Laser3D - 6P)  Chillers (each) (Full Laser Power): 3.0 kW (2D or Polarization 3D) 2.5 kW (Barco Laser3D - 6P)
ノイズ・レベル (25°C/77°F での標準時)	Projector (w/Chillers): 77dB(A) - Max fan speed (start up phase) 57dB(A) - Stable state  Projector (w/o Chillers): 52db(A)
動作温度	10 to 30 °C Max. (sea Level)
動作湿度	75% Max. (projector and chillers)
BTU / 時間	32,150 BTU/h
エアフロー要件	Air Inlet (from Rear w/Feet Down): TBC Exhaust (from Rear w/Feet Down): TBC
排気の流れ	TDB

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寸法 幅×長さ×高さ	Projector: 742 x 1,446* x 706 mm (includes feet / excludes lens) 29.2 x 56.9 x 27.8 in. (includes feet / excludes lens)  Chillers (each): 701 x 701 x 800 mm 27.6 x 27.6 x 31.5 in.  * Excludes allowance for chiller hoses
重量	Projector: 235 kg / ~520lbs (excludes lens) 2 x Chillers (each): ~115 kg / ~250 lbs
梱包サイズ	TBC (excludes lens - packaged separately)
発送重量	TBC (excludes lens - packaged separately)
標準アクセサリ	TBC
証明書	CE; ETL/UL/FCC, CCC
保証	Limited 3 years parts and labor Extendable up to 5 years
安全要件	Class 1, Risk Group 3
*	Firmware upgradable Please contact an authorized Barco representative for details

生成日:22 Jun 2023

技術仕様は予告なく変更する場合があります。最新情報については、[www.barco.com](http://www.barco.com) をご覧ください。