

How to choose a projector for your home theater? The Dangbei Mars Pro 4K laser projector is recommended!



New York City, New York Sep 26, 2022 ([Issuewire.com](https://www.issuewire.com)) - To get your private cinema at home, there's nothing better than the right projector. A projector is capable of beaming a big, bright movie or sporting event image on your wall or accompanying screen, effectively turning your living room or backyard into your private cinema. To pick the right one, you need to consider all the tech and terms involved in the projectors. That would be tricky. Well, that's not the end. You would also need to

consider the space and the installation suiting your room to make it not too painful to adjust. This article will explain some aspects and take the [Dangbei Mars Pro](#) as an example.

Standard-throw or ultra-short throw projectors?

It's time to make choices to narrow down what kind of projector you want. And it's not hard to choose between these two types. The related parameter is the throw ratio. If your home theater room is quite limited and there are fewer places to put it, an ultra-short throw projector is recommended. The common throw ratio of an ultra-short throw projector is generally 0.25:1. A "short-throw" projector will cut down this distance by a few feet, making it easier to find a non-ceiling solution for your projector placement, which will make a huge difference. But they also tend to cost more.

For a standard-throw projector, for instance, the [Dangbei Mars Pro](#) gets a throw ratio of 1.27:1, which is good for a normal-size room. Also, the Dangbei Mars Pro supports 60-300-inch image size, allowing the impressive large screen view. Thus, if you set aside a room with the right amount of space for your home theater, a standard-throw projector would be good enough. You can leave your budget for a higher configuration or a professional projector screen.

Consider lamp vs LED vs laser and find the right brightness

The light in a projector can come from three different possible sources — a lamp, a LED, or a laser. A lightbulb-based lamp typically has a "half-life" of several thousand hours, after which the image quality starts to decline and you'll want to replace it with a new bulb. A laser projector (and its close cousin, the LED projector) costs more, runs cooler than lamps, and can last up to 30,000 hours, so you won't need to replace anything over time. Also, the brightness is different. Generally, the laser and the lamp emit brighter light than LED.

If you are using your projector in a dedicated theater room (one that is dark enough and less affected by ambient light) where you'll be watching movies or shows a couple of times a week, a lamp model should suffice and save you some money. If your projector is going to be the home's primary way to watch anything, it's better to save up for a laser model for its longevity and improved color and brightness. Now the projector based on a laser light source can even project an image of more than 2,500 ANSI lumens. The biggest point of the [Dangbei Mars Pro](#) is its hyper brightness. It reaches 3,200 ANSI lumens! The projected image is quite bright and clear even in a lit room or in a daytime backyard.

Decide on a resolution

Support for 4K has become so common in projectors these days, so you should have no trouble finding models at this resolution. 4K resolution is one of the best ways to take advantage of the larger screens that projectors support, so it's a great spec to look for. The [Dangbei Mars Pro](#) sports 4K for the first time. With its 3,200 ANSI lumens brightness, the picture would be extremely lifelike. At the same time, if you are planning to build a pretty home theater, it's recommended to have a projector screen, which will make great use of the projector and project a perfect image.

Learn about imaging chips

If you look at projector specs, you'll start to see info about imaging chips, which is how the projector controls its light. There are three major chip options today — DLP (Digital Light Processing), LCD (Liquid Crystal Display), and LCoS (Liquid Crystal on Silicon).

If you want a great contrast ratio on a projector image that can handle a cinematic experience, look for LCoS. If you want to save as much money as possible, look for an LCD. If you are interested in the sharpest picture, look for DLP. The [Dangbei Mars Pro](#) adopting DLP tech focuses on the extreme sharpness of the picture, trying to reproduce the picture to a large extent.

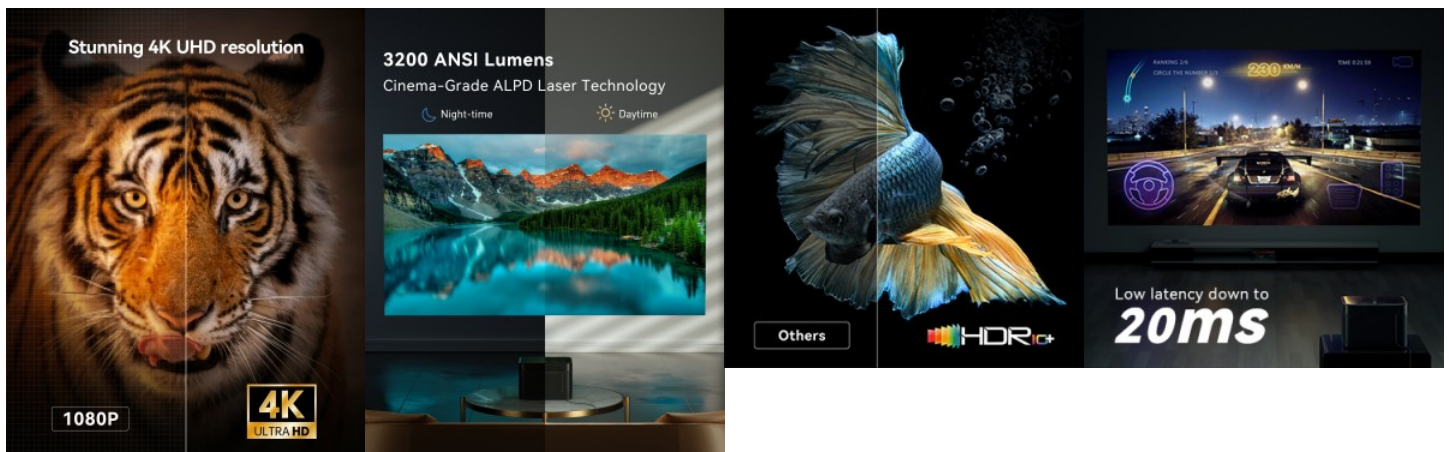
Additional video and sound features

Except for the basic parameters like resolution and brightness, other image enhancement techs also make the picture look better and more vivid. Picture features such as HDR (High Dynamic Range) will make for a brighter picture with much more dynamic contrasts. There are several HDR formats, but they all optimize picture quality to be the best it can and function especially well with projectors that have high brightness capabilities. The [Dangbei Mars Pro](#) features HDR10+ and HLG, greatly improving viewing. And it supports a bunch of intelligent adjustments like real-time focus, keystone correction, intelligent obstacle avoidance, and intelligent screen alignment, facilitating the use and adjustment of the projector.

It is equipped with TWO 10-watt speakers. If you are not that picky about sound, then it would save you money to buy an extra sound system.

Care for the budget and price.

Have a look online and you'll see everything from a budget pick for around \$500 to a model packed with features for over \$3,000. For a proper home theater experience, we recommend sticking to at least the \$1,500 to \$2,000 range. The [Dangbei Mars Pro](#) above is listed for [\\$1,699](#), which is a quite reasonable and cost-effective price.



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