

# Building A Better PC: A Guide To Making A Monster Rig For Only \$1200

This \$1200 PC Build guide is an excellent choice for someone who wants to build their computer and save money at the same time. You get the same power as a pre-built machine, but with the flexibility of being able to customize it yourself!

This guide will walk you through choosing all the parts needed to put together your new gaming PC so that you can enjoy hours of gaming or working on projects while saving hundreds of dollars in the process.

## Essential Custom Built PC Components

The essential components you will need to get going are:

- CPU
- Motherboard
- Graphics Card
- Hard Drive
- Memory
- Power Supply
- Case

### CPU

The [Ryzen 5 3600 Matisse 3.6GHz 6-Core AM4 Boxed Processor with Wraith Stealth Cooler](#) is an excellent choice for an affordable PC. With six cores and twelve threads, this CPU will perform well in almost any task you throw at it with its base clock of three gigahertz. You can also overclock the CPU to four gigahertz for even more performance.

AMD Ryzen processors are created using the world's most advanced 7nm manufacturing technology. It is paired with a Wraith cooler on a processor that can expand your workload and adapt to it, resulting in a fantastic performance for gaming while keeping your system quiet.

## Motherboard

When it comes to a motherboard for this budget, you don't need to spend much. [ASRock's B450 PRO-series](#) boards come outfitted with all the essentials for putting together your PC and will work perfectly with the AMD Ryzen 3600. With built-in support for AMD's latest technologies like Ryzen, Radeon, and PCIe Gen.

This motherboard has two USB 3.1 Gen2 ports on the rear i/o, which will support future USB devices and deliver 10 Gbps data transfer rates.

## Graphics Card

Recently, graphics card prices have gone through the roof, that's if you can even find one. But, if you are lucky enough to track one down, the [EVGA GeForce RTX 3060 XC Gaming](#) is a great choice. It offers the power of Nvidia in an affordable package that won't break your build budget.

The EVGA GeForce RTX 3060 is an amazing graphics card for anyone looking to game at 1080p and 1440p. With 12GB of GDDR6 memory, this GPU has plenty of space for your gaming needs!

## Storage

SSDs are faster than traditional hard drives, and they give you better access to your data, which is especially useful for gamers who need quick load times. For example, the [Samsung 870 QVO 1TB](#) delivers plenty of storage along with read speeds of up to 560 MB/sec, which is perfect for any heavy-duty task. Also, with 1TB of space, you don't have to worry about having room to download those 100GB games.

## Memory

The dual-channel [Crucial Ballistix DDR4 RAM](#) is a great way to make sure you have enough of this vital component in your PC. 32GB will give you plenty for any task or game, but if you are looking to save a few more bucks, then 16GB is also a good option. I don't recommend going below 16GB for any PC running games or video editing software.

## Power Supply Unit (PSU)

When building your PC from scratch, several important components will need power, and a quality PSU is one of them. The [PowerSpec 650 Watt 80 Plus Bronze ATX Semi-Modular](#) will give you plenty of power without breaking the bank, so it's perfect for this low-cost build! It will also give you some extra wattage as this build only requires 447 watts, and this PSU will max out at 650.

## Case

Lian Li has been making exceptional cases since 1989, and they're still at it today with their [Lancool 215 Tempered Glass eATX Full Tower](#) Computer Case. This case is made from tempered glass and aluminum, giving you a sleek look that doesn't have to be sacrificed for function.

It features two pre-installed 200MM RGB fans and a 120MM fan, combining with mesh panels to provide efficient ventilation.

## Additional Considerations

We have covered the basics for this build, but you may want to think about adding additional items like a monitor, keyboard/mouse combo, HDMI cables, and speakers.

You can most likely use your old cables, but if they aren't compatible for some reason, you will need to purchase some. It is also a good idea to upgrade your mouse and keyboard to gaming ones. They will react faster and give you a better playing experience.

Also, an upgraded monitor will help you see the power of your gaming PC in all its glory. Additionally, if you need to purchase an OS, you will need to factor in the cost of a Windows 10 license.

## What Can I Run on This PC?

This PC build is perfect for any gamer on a budget because it can handle all the latest games and display them in glorious detail. You can also expect decent frame rates, which are essential in esports.

If you don't need to play games, this computer will still do everything that a typical office or home computer would do. If you are looking into the video and photo editing with Premiere Pro, Photoshop, and After Effects will run smoothly with this build.

## Build A PC Today!

The PC build guide you just read will show any gamer or programmer how to put together a \$1200 PC without breaking the bank. This is possible by carefully choosing each component and ensuring they are compatible with other parts of your new machine.

You can also use this computer for anything else that requires good performance, like editing video, so it's not just limited to gaming needs. We hope you found our recommendations helpful in creating your budget-friendly PC! To get this rig for yourself, you can find this build [here](#) in MicroCenter's Custom PC Builder.