Custom PC Builder

Core Components

CPU

| | AMD - Ryzen 5 5600 Vermeer 3.5GHz 6-Core AM4 Boxed Processor - Wraith Stealth Cooler Included **Aisle 33, Aisle 30** | SKU: 386193 SOLD OUT | **$139.99** |

Motherboard

| | Gigabyte - B650M DS3H AMD AM5 microATX Motherboard **Aisle 30, Aisle 31, Aisle 33, Aisle 32** | SKU: 513739 4 IN STOCK | **$159.99** |

ⓘ Compatibility Filters have been disabled for this item.

RAM

| | TeamGroup - T-FORCE VULCAN Z 16GB (2 x 8GB) DDR4-3600 PC4-28800 CL18 Dual Channel Desktop Memory Kit TLZGD416G3600HC - Gray **Aisle 27** | SKU: 155580 11 IN STOCK | **$46.99** |

Case

| | NZXT - H510 Flow Tempered Glass ATX Mid-Tower Computer Case - White **Aisle 34** | SKU: 309146 2 IN STOCK | **$89.99** |

Power Supply

| | ASUS - 550 Watt 80 Plus Gold ATX Fully Modular Power Supply **Aisle 25, Aisle 24** | SKU: 120964 4 IN STOCK | **$94.99** |

Video Card

| | PowerColor - AMD Radeon RX 6600 Fighter Dual-Fan 8GB GDDR6 PCIe 4.0 Graphics Card **Aisle 33, Aisle 34** | SKU: 332130 18 IN STOCK | **$259.99** |

2.5" SSD

M.2 / NVMe SSD

| | Inland - QN322 1TB SSD NVMe PCIe Gen 3.0x4 M.2 2280 3D NAND QLC Internal Solid State Drive **Aisle 26** | SKU: 423871 25+ IN STOCK | **$49.99** |

Hard Drive

Optical Drive

Video Capture

CPU Cooling

Heatsink

| | be quiet - PURE ROCK SLIM 2 CPU Cooler **Aisle 28** | SKU: 338046 1 IN STOCK | $29.99 |

Thermal Compound

Water Cooling Kits

Water Cooling Accessories

Software

Operating System

Antivirus Software

Office Suites

Peripherals

Keyboard

Mouse

Mouse Pads

Speakers

Headsets

Monitors

Wireless Routers

Printers

Accessories

Case Fans

	Arctic Cooling - P12 PWM Fluid Dynamic Bearing 120mm Case Fan **Aisle 28**	SKU: 435503 14 IN STOCK	**$9.99**

Case Lighting

Cables and Adapters

Surge and UPS

USB Flash Drives

Welcome to the Micro Center Custom PC Builder

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For as far as the modern personal computer has come, there's still no one-size-fits-all machine for every type of user. While many pre-built computers can suit many individuals, custom configurations are a great choice for many users, especially when it comes to high-performance computing, gaming, design, and more. Plus, building your own PC is a whole lot of fun, especially if you like to tinker with electronics!

If you're into customizing your setup — whether by building your own computer from scratch or simply upgrading to high-tech peripherals – Micro Center is your go-to resource for PC building, whether you want to start from scratch or with a pre-built base system with customizable components. We can help you choose everything from your hard drive to your power supply to your tower, and it all starts here with our custom PC builder. We will walk you through the process of choosing your motherboard, graphics cards, CPU cooler and more.

Start from Scratch or with a Base System

The first step in building the best PC for your needs is to determine whether you want to customize each component of your computer or start with a base system. If you're into PC gaming, you may want to consider building from scratch or choosing a base system equipped with an AMD or Nvidia graphics card that provides the smoothest gameplay experience to maximize performance and entertainment value for gamers. AMD Radeon or Nvidia GeForce are obvious choices for customized gaming desktop graphics cards.

When you start from scratch, you get to customize literally everything inside and out, starting with the hardware. Select your CPU, motherboard, RAM, video card, SSD, power supply, hard drive, optical drive, PC case, cables, adapters, peripherals, and more.

If you prefer the convenience of prebuilt PCs but want a bit of customization to suit your specific use cases, consider starting with a base system. Simply select a level of performance and customize by choosing an AMD or Intel processor. We'll take things a step further by selecting the ideal motherboard, case, power supply, liquid cooling system, and more for your needs and budget. This way, you get the ideal setup with less stress or decisions.

Gamers won't be disappointed by our selection of high-performance graphics cards and components made just for high-performance PC gaming. With popular options like the Nvidia GeForce RTX 3060, RTX 3080, RTX 3090 as well as AMD's Radeon 6600 XT, Radeon 6800 XT, Radeon 6950 XT, and others, you'll be well-equipped to take your gameplay to the next level.

Ready to build your own PC?
You've come to the right place! Use our Custom PC Builder to research and pick PC parts from the thousands of components we have in stock. You can use this to create a gaming PC build with streaming capabilities, or a machine that's specific to your business.

Next Steps
Once you've configured your PC, you can: Save your parts list in the Build Dashboard for later, Share your parts list in our Community Forum, reddit or other forums to get feedback, print it as a shopping list or view a store map to visit one of our stores, add to cart to reserve your choices for in-store pickup.

Enthusiast PC Builders
For the enthusiast PC builders, you can create and save multiple parts lists in your Build Dashboard. Then once you've built your custom PC, don't forget to submit it to the Build Showcase to show it off and help inspire others with your selection and creativity.

How to Build a PC Q&A

What do I need to build a PC?
A little bit of time, patience, and a Phillips head screwdriver are all you really need to build a PC. While it may seem a little daunting at first if you're a first-time builder, if you think you can finish a puzzle, then you can build your own PC. There are a lot of great guides available online, especially video guides on YouTube. The Micro Center Community is also a great source of knowledge as our experienced technical support monitor and respond to questions.

How do I figure out which parts to get?
We actually have an in-depth guide on choosing your PC parts! This guide will cover all the necessary parts to build a PC and what to look for when buying them. Start with which CPU and GPU you want, then work your way out from there, and of course if you have any questions, feel free to ask us on the Micro Center Community!

Can I share my build online and get feedback?
Yes, once you've picked the PC parts, you can save it and then share it on reddit, the Help Choosing Parts forum in the Micro Center Community or any other forum to get other people's feedback. You can share the URL or the list of parts in various formats: HTML, text, markdown, etc.

Can someone at Micro Center give me advice on picking parts?
Our sales associates know how to build computers. They have spec'd out thousands of custom PC builds for business, working from home, video production, streaming and gaming. They have extensive experience with fitment and compatibility across all types of cases, cooling solutions and lighting options. Visit one of our 25 stores and one of our associates will be happy to help.

What if I don't see a part I want in the Custom PC Builder?
Our online tool checks availability specifically at your local store. If a part you want isn't showing up in the list of products, it may be out of stock, so you can click on the option to show all products, or it may not be a product we carry.

Why can't I select certain parts?
Some of the fields will not be available until you select other parts first, e.g. you cannot select RAM until you select a motherboard.

How do I know my pc parts will work together?
The Custom PC Builder tool automatically tries to filter out parts that would be incompatible with any you've already selected. We always recommend you do a little research and double check just to be safe.

Can Micro Center help me build a PC?
If you're not sure what you want or would just prefer working with somebody directly, our in-store sales associates are happy to help you pick out parts for your custom PC. After you build a pc online using our tool, our highly trained technicians can assemble it for you for an added fee. Details on pricing and what's included in each tier of build can be found here: https://www.microcenter.com/site/service/instore-service-complete-build.aspx

How do I place my order?
Once you've selected the parts in the Custom PC Builder tool, you can click "add to cart" automatically place everything in the cart. You can then reserve your parts for in-store pickup by going through the checkout process online. Our store associates will locate the items and set them to the side to be picked up within 3 days.

*The Custom PC Builder is designed to assist you in compiling a list of components to build a PC. Although every effort has been made to ensure compatibility, it is **not** guaranteed. As such, we strongly recommend visiting the store to discuss your completed list with one of our highly trained Associates.

Estimated power consumption shown above is a general guide. Actual numbers will vary depending upon additional components chosen and which games or applications are running. Many power supplies run at their peak efficiency at around 50% load, however, our store associates will be happy to help you select the right power supply for your needs.