Frequently Asked Questions
Gaming PC.ca

How safe is water cooling?

Water cooling is very safe when done correctly and provides additional cooing when compared conventional air cooling methods. In the same way that aquariums keep on circulating fresh water to keep your fish alive, in the same way that your pool keeps on cleaning the water and in the same way that the water continues to reliably come out of your faucets at home, water flow and management is solid and built to last.

When is the last time you changed the plumbing in your house?

Probably never.

That's the kind of reliability that you'll find in our water cooling systems.

Did you know that nearly every car has a functioning fluid cooling system as well?

If cars, designed to run on bumpy roads for over 20+ years use a fluid cooling system, then your computer, sitting on your desk, can do it as well.

We use industrial grade tubing, secured with automotive metal clamps and the most reliable pumps on the market. We have customers that have been using our water cooling systems 24/7 for over 5 years (We've been doing this a long time) and they are still going strong.

Water cooling is very safe and reliable... and even if you decided to take apart our water cooling system, you would find that we use demineralized water that does not conduct electricity.

How safe is the overclocking ?

We specialize in delivering highly overclocked computers to our customers and provide a warranty that guarantees long term stability. In order to provide long term stability, we are careful to provide minimal increases in voltage and provide adequate cooling to the processor.

This allows the processors to run safely at higher speeds in the same way they were intended to run. (Processor manufacturers base processor lifespan on voltage and temperature ranges, NOT frequency. Intel & AMD state that their processors will last 20-30 years at normal operating

voltages and temperatures. So far, neither manufacturer has been able to verify these statements because we didn't have quad core processors running at 4.0Ghz in 1982.)

Here are some of the Gaming PC systems we have sold in the past:

For example, we have an **Intel Q6600 (Baseline 2.4Ghz)** that has been running at **3.6Ghz** since **2007**. That's a **1.2Ghz increase in speed for 5 years…** and counting!

For example, we have an **Intel E8400 (baseline 3.0Ghz)** that has been running at **4.0Ghz** since **2008**. That's a **1.0Ghz increase for 4 years...** and counting!

We have an **i7 920 (Baseline 2.66Ghz)** processor has been overclocked at **4.2Ghz** since **2009**. That's a **1.5Ghz increase for 3 years…** and counting!

We have been running our processors overclocked until they are obsolete for the past 12 years. In the same way that we had our Celeron 266mhz running at 450mhz for our Quake 1 gaming sessions, we are making sure your processor delivers it's true power to provide you with the best gaming experience.

Achieving long lasting, stable overclocks does require the right components, the proper cooling AND extensive testing which is exactly what you're getting with GamingPC.ca

How is the price calculated?

The prices at GamingPC.ca include a lot more than just the individual components and this is a common misconception that people miss at first glance.

1. First, we use the highest grade computer components. There is a reason we choose certain manufacturers over others (Our decisions are based on reliability and performance).

A perfect example is when deciding which memory to purchase. You can get 32 GB of memory from various different manufacturers… but there is ONE type of memory that works best at 4.8Ghz on a socket 1155 motherboard. This means we have to seek out a specific type of memory for specific systems. Although this costs more, it provides additional performance and stability for our users. The same applies to nearly every component inside Gaming PC computers.

2. Second, not all products are created equally. When configuring high end machines, we sometimes have to test multiple processors and then '**hand pick**' the best one of the batch. What most people don't see in the background is all the other processors we didn't use for our gaming computers.

3. Our custom water cooling systems are valued from $300 to $500 depending on the system which is added to the baseline components. We have been improving our water cooling kits over 5 years to the point of perfection. Our water cooling kits are among the best in the world.

4. Shipping costs are also included in our prices. We believe that this makes shopping easier for our customers. Shipping for extra-large, heavy duty boxes typically range between $60-$120

5. Product research. In order to provide the best performing machines, we perform intensive product research and testing before suggesting components. That's why you'll typically see fewer options on our machines when compared to our competitors. This is because we recommend that combination as the best possible solution.

6. Extensive testing and tweaking. Each machine is tested for a minimum of 48 hours under 100% load. This type of quality control costs more but means that when you receive the machine, all you have to do is press the power button and go. Everything from running your processor at 100% load to testing every bit of memory through an extensive memory testing program… to running actual games to test smoothness and sound, is done on every Gaming PC.

7. Support. Every GamingPC.ca comes with 1 year of both email and phone support. You have questions? We have answers. The warranty is included with every GamingPC and included in the price of the system.

When you add it all up, the price makes sense, even when compared to the most price-based competitors. However, make no mistake, GamingPC is a luxury brand of computers providing the best computers for gamers. We build the fastest gaming machines money can buy so that you, as a gamer, can have the best possible gaming experience.

Have more questions? Contact us, we'll be happy to talk to you!
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