

CCS

custom computer solutions, LLC

The Technology Insider Computer Tips, News, Tricks, Coupons 216-571-2115

In This Issue

[We're Back!](#)

[How to Clean The Inside
of Your PC](#)

Quick Links

[Read Our Past
News Letters](#)



Does your
computer seem to
be slow these

It's Been a While...

Since we've sent one of these out, but in an effort to keep in touch, we decided to send one out this month to announce our customer referral program where you can get paid for referring business to us (details below), and of course we have the usual, and hopefully useful, bit of computer information. As always, feedback is welcome on our newsletters, and also topics you would like to hear or know more about.

For those who may have forgotten, Brian Jenkins started Custom Computer Solutions, a computer repair, service, and consulting business in May of 2007 and has ran it ever since.

Custom Computer Solutions specializes in virus removal, wired and wireless networking, upgrades, maintenance, computer repair, and consulting for residential and small business customers.

days? Getting
errors, etc?
Get Your
Computer Running
Well Again

→ How to Safely and Properly Clean the Inside of Your PC

No CCS news letter would be complete without at least one computer tip you could use. In that spirit, we'll explain how to clean the inside of your PC. But first, a warning (it's unfortunate, but we were told it's a good idea to put this here): we will not be held responsible if you fry or damage any part of your computer or suffer electric shock. OK, now that we got that out of the way let's get down to business.

Computers seem to be dust magnets; this is because they are constantly drawing in air from the surrounding areas to cool the parts inside. If there are animals or a smoker in the house or office, the problem is worse. Cleaning the inside twice a year can help avoid overheating and fan failure.

You'll need some canned air (a.k.a. compressed gas duster; purchase at Best Buy, Radio Shack, Office Max, etc) and a good vacuum with a hose attachment.

Start by unplugging all of the cables and wires from the back of your desktop machine (this will help you avoid the pain of electric shock). Now grab a vacuum cleaner with a hose attachment. Just about any vacuum will work (upright, shop vac, Dirt Devil, etc). Don't open the tower yet, just clean the front part and also the back to grab any loose dust that could be

hiding out by your CD/DVD or floppy drive and the ports on the back.

Now comes the tricky part. Hold the power button in for a few seconds to discharge any phantom power. You may see the lights blink quickly, this is normal. Open the case by removing one of the side panels. The one to remove is the one opposite all the ports on the back. Do not touch anything inside the computer with your hands or the vacuum attachment. Static electricity on your body and the vacuum attachment can fry your motherboard (I've replaced a few that were killed this way), the processor, memory, and other sensitive parts. You can however touch the bottom inside of the case (just don't touch the other parts) with the attachment to grab any loose dust bunnies that are sitting there.

Now, grab your canned air (try to hold the can upright and level at all times) and get ready for the possibility of having dust blow everywhere. You will use the vacuum to suck a lot of this up. Start with the power supply (where the main AC cord plugs into) and blow from the outside part, holding the vacuum hose close to the other end of the power supply on the inside (remember: don't touch anything with that hose). Blow the dust out of the power supply and suck it up at the other end. Switch the canned air and the hose and repeat.

Now, we need to clean the fan and processor heat sink. Hold the canned air

and vacuum hose close (don't touch!), about 1"-2", to the fan/heat sink combo. Blow the dust and suck it up with the vacuum. The fan should spin. Once that is clear of debris, start at the top and just work your way down with the canned air, blowing the dust out and sucking it up (you know by now not to touch anything with the hose or your hands, right?).

Vacuum any loose dust from the bottom of the inside of the case, seal it up, and connect all the cables. If you followed my directions and didn't fry your computer, it should boot up and come on. Repeat every so often.

Need help with your computer? Just give us a call!
216-571-2115.

We remove viruses, perform computer upgrades and repair, set up and repair wired and wireless computer networks, perform back ups, and more all at a fair price with excellent service, and we're BBB accredited, so you know we stand behind our work. See our website at www.ccs911.com.

Sincerely,

Brian Jenkins
Custom Computer Solutions