

## Motherboard Replacement

Replacing your motherboard is not the same thing as replacing your cpu with a faster version of the same chip. Replacing the motherboard is, essentially, the same thing as putting a new computer in the old chassis - you are keeping the same hard drive and other devices, but the processor and its essential peripherals are all new.

It is NOT a good idea to use a previously created backup of your computer's hard drive and after replacement of the Motherboard, copy that full backup of the original files on the new system. That may work, after a fashion, but does not necessarily take advantage of the new system (components) - the "pin out" configuration of an AMD cpu and a Pentium CPU are essentially the same, but the interior arrangement of those chips can be dramatically different although achieving the same end overall. To make it work properly, what you should do is after installing the new Motherboard, to install (a new version of ) Windows and then install your original applications (not transfer the programs and files from the old system). IF the new system isn't working very well, I suspect that your "new" system is looking for components/elements as they were defined for the old system and having difficulty doing so because they're not in the same place or in the same configuration as before.

What I would suggest is, if possible, reformat your hard drive and then install (not move) Windows and then install the applications (Word, Excel, etc.,) from the original disks. Thereafter, you can transfer the data files (only) used by those applications from your old backup disks and the whole thing will probably work a lot better with fewer hangups and problems. Be careful, however, and put those things in the proper order - reformat first, install Windows second, install applications next and then data files last. After each step, defrag your hard drive just to be sure that things are as neatly laid out as you would like to see them (and consider partitioning your hard drive so that Windows is on the boot partition, applications on another partition and data files on the same partition as the applications or on a third partition for ease of backing up your files regularly).

When all the above is said, I would recommend that you forget replacing the Motherboard and put those \$\$\$ towards a new system. Install any programs to the new system that you need but that are not included with the new system, then copy your data files over to the new system.

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