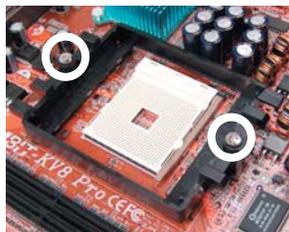


1 **KOOLANCE** AMD 64 Adapter Installation v 1.0

The AMD 64 Adapter is designed for **AMD Athlon 64, FX, and Opteron** processors in socket 754, 940, and 939 formats. The motherboard may need to be removed from the chassis in order to install this device.



Remove the black plastic retention frame from the motherboard. Generally, this is held in place with 2 metal screws.

(If there are plastic tabs instead of screws, please refer to the next section.)



Various hardware comes with the Koolance AMD 64 Kit, and depending on your particular motherboard, some of it may not be required.

AMD 64-bit boards have 2 primary mounting holes which the Adapter will use.

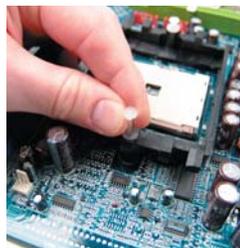


2

For motherboards with plastic tabs instead of metal screws, please follow the instructions on this page. Otherwise, skip to the next section.



Turn the motherboard over and push the center locking bolt inward with a small flat screw driver.



From the top side, pull up both plastic center locking bolts.



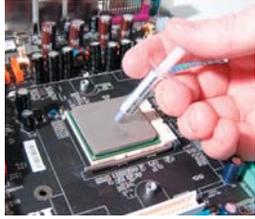
Finally, squeeze the remaining tabs together beneath the board, and gently push them through with long-nose pliers.

This should allow you to remove the CPU socket's black plastic retention frame from the motherboard.



3

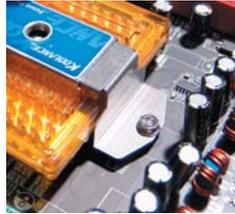
The included bracket clips are used to mount the Cooler. Assemble the bracket by inserting these clips into the center slider of the CPU-300 Cooler.



Apply thermal paste to the CPU directly. Spread the paste so that it evenly covers the CPU. A piece of thick paper (such as a business card) works well for this.

Ideally, the short screws with the Koolance AMD 64 Adapter kit are all that will be required to mount the bracket. (These are standard ATX chassis screws.)

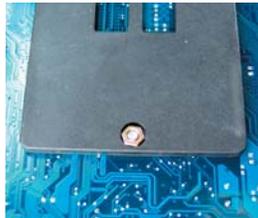
However, if the socket's backplate is a different design, the longer screws, plastic spacers, and nuts may be needed to hold the bracket.



Short Metal Screws



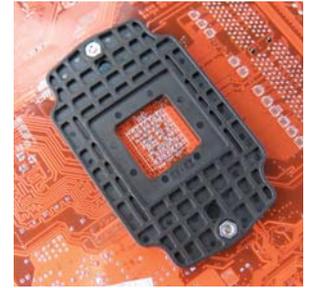
Plastic Washer (with Long Screw)



Bottom Metal Nut (with Long Screw)

4

Despite the final method of attachment, the Koolance AMD 64 Adapter should utilize the original motherboard backplate. This is a necessary component to avoid physical damage of the motherboard or CPU.



CAUTION: Always use the motherboard's original CPU socket backplate with the Koolance AMD 64 Adapter. This component is designed to avoid damage to your hardware from over-extension.



Be sure to install the temperature sensor before mounting the CPU Cooler.

The CPU-300 Cooler will use the black tension screw, and the center hole for AMD 64 processors. (Please see the CPU-300 installation sheet for more details.)