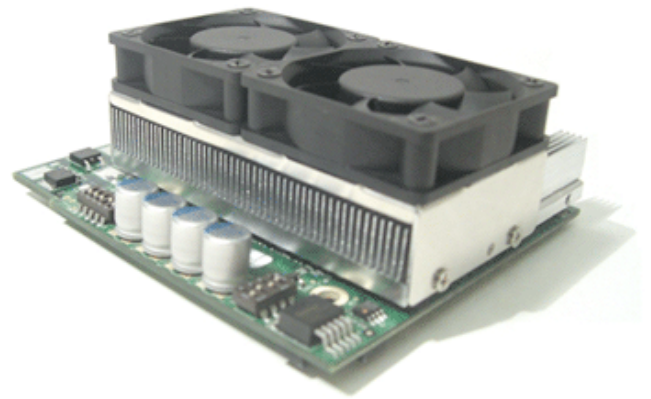


How To Install Your New Processor

AGP Install



PLEASE PRINT OUT A COPY OF THE MANUAL BEFORE INSTALLATION

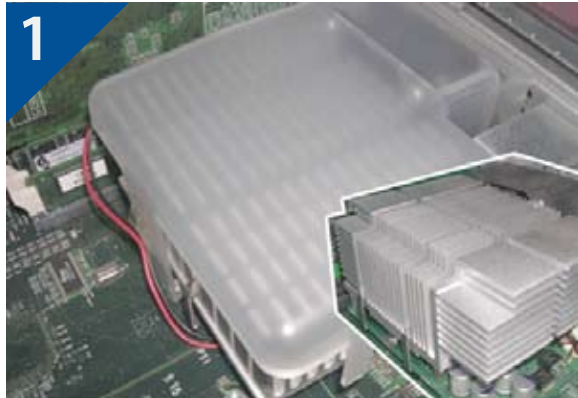
For Customer Service and Technical Support
email: support6@fastmac.com or phone: 408.850.6232



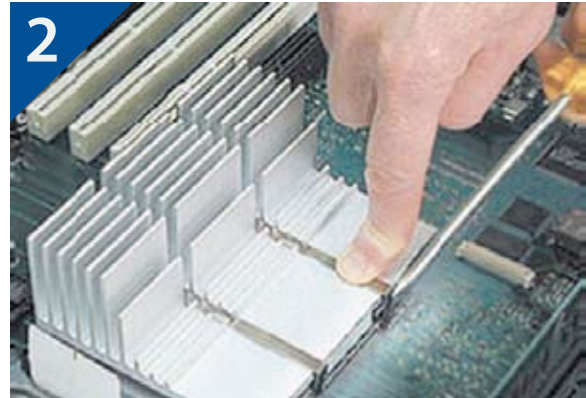


Stage 1: Original CPU Removal

Thank you for choosing FastMac. Please feel free to contact us at any time with any questions or comments you may have while installing your Processor Upgrade. If you have a 100 MHz system bus found on the AGP Graphics or Gigabit Ethernet model, you'll need to verify that your firmware (AKA Boot ROM) version is at least 4.2.8f1 before installation.



1. Locate the heatsink. [On Digital Audio unplug the fan connector, release the plastic tabs from the processor card, then remove housing. On Quicksilver: remove screws on rubber fan housing through grill at the back of the computer. Lift straight up to remove.] You will be replacing this fan assembly after installing the upgrade.



2. Press down on the top of the heatsink clip, use a small flatblade screwdriver to lift up and out on the front tab of the clip to release it.



3. Remove the heatsink clip and lift the heatsink off the processor module.

Warning: When removing the heatsink, be careful not to bend the processor module beneath it.

Remove the processor mounting screws.



4. To disconnect the processor from the main logic board, hold it by the edges nearest the two opposing screw holes (on either side of the connector), gently rock the processor right to left, and lift straight up. If your computer's configuration has RAM installed that makes it difficult to hold the processor correctly, remove one row of RAM to give you better access.

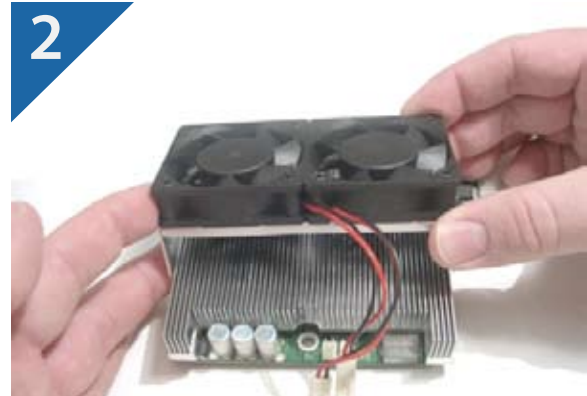
Processor Install Manual • 1

Warning: Hold the module as shown when removing or installing it to avoid bending the processor connector pins. Lifting processor from the side with one screw could damage computer and void Apple's warranty

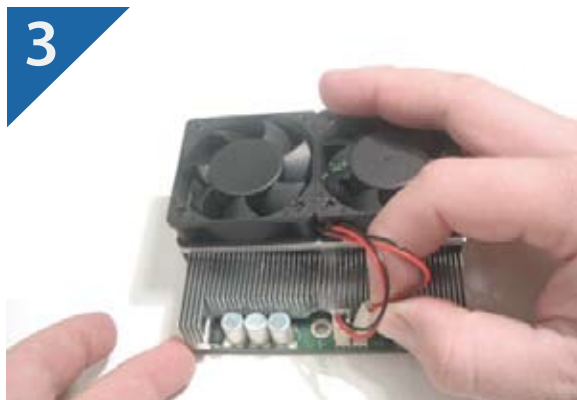
ENSURE THAT YOU CORRECTLY FOLLOW THE STEPS OUTLINED IN REMOVING YOUR ORIGINAL PROCESSOR LISTED ABOVE BEFORE PROCEEDING.



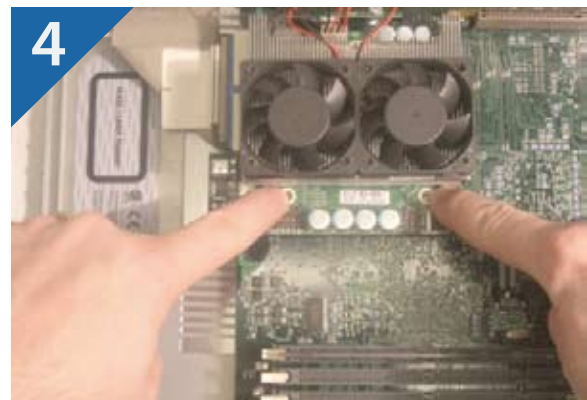
1. Remove the FastMac Processor upgrade from the packaging material. Notice that the fan assembly does not come pre-attached. For installation in AGP models, you will need to install the CPU first, adjust the position of the fan and attach it with the provided set of screws.



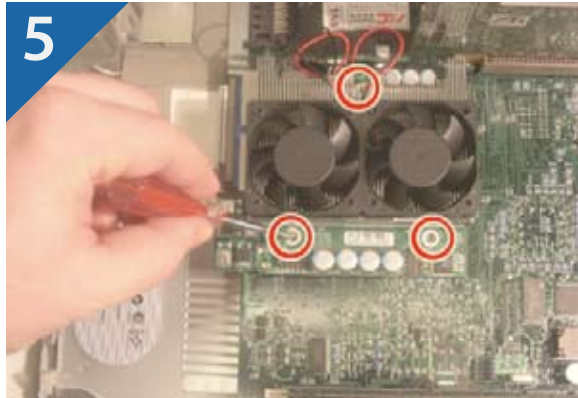
2. Place the fan over the heatsink as shown in the picture, with the cables facing the single screw hole



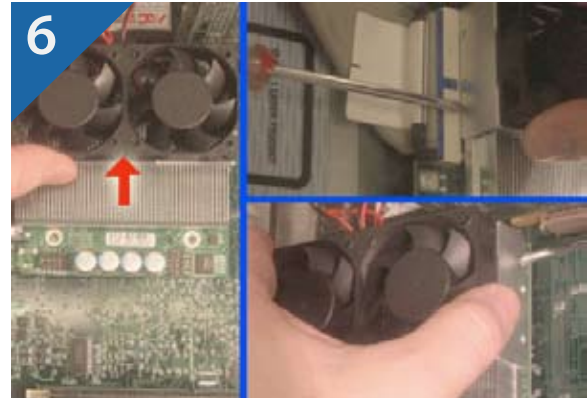
3. Attach the cables to the connectors on the processor upgrade .



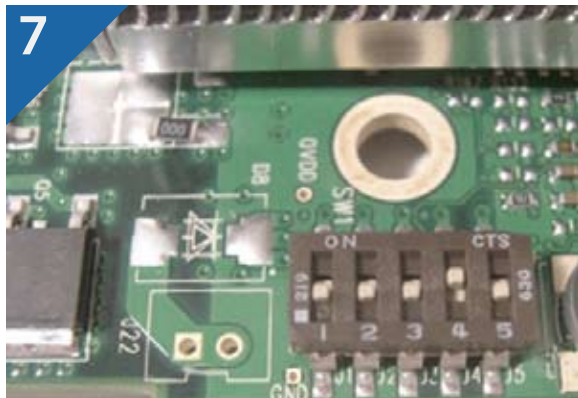
4. Locate the connector on the logic board where the original processor was installed. Line up the new processor as shown in the picture. Once lined up, firmly press down on the screw holes. You will hear the processor snap into position.



5. Using the original processor screws, secure the new processor to the logic board as shown in the picture.



6. Slide the fan assembly over the heatsink as shown in the picture. This will cover the third screw hole. Attach the screws to the each side to secure the fan to the heatsink.

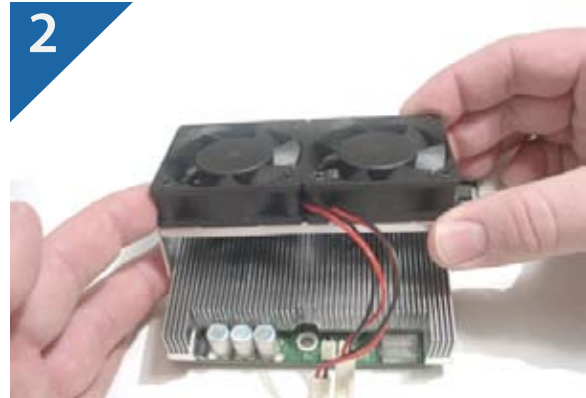


7. Locate the DIP switch in the lower left-hand corner. Set the switches according to the chart.

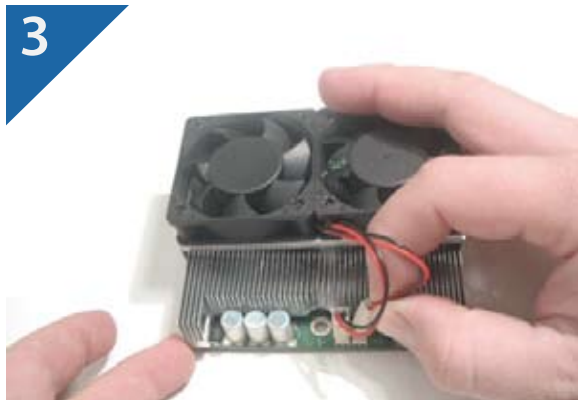
FastMac Upgrade Speed		Dip Switch				
100 MHz Bus AGP (Sawtooth) Mac Server G4 Gigabit Ethernet	133 MHz Bus Digital Audio Quicksilver	Switch On <input checked="" type="checkbox"/>		Switch Off <input type="checkbox"/>		
		J1	J2	J3	J4	J5
1.0 GHz	1.33 GHz	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	1.4 GHz	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.1 GHz	1.467 GHz	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.2 GHz		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.3 GHz		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.4 GHz		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.5 GHz		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	1.53 GHz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



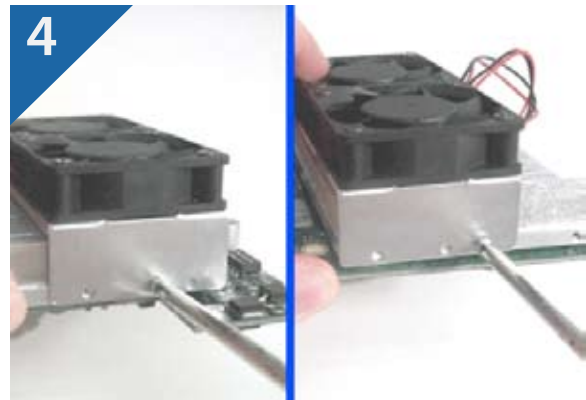
1. Remove the FastMac Processor upgrade from the packaging material. Notice that the fan assembly does not come pre-attached. For installation in Digital Audio and Quicksilver models, you will need to attach the fan first, before installing into the computer.



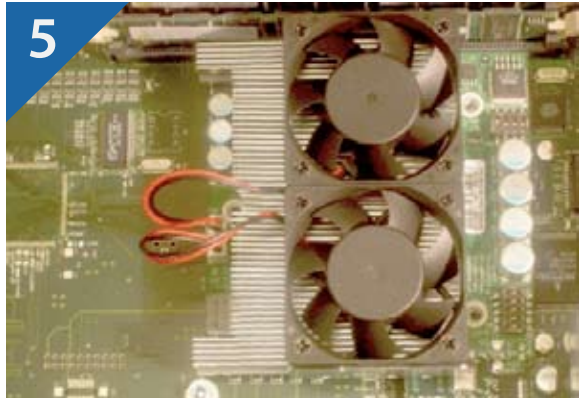
2. Place the fan over the heatsink as shown in the picture, with the cables facing the single screw hole.



3. Attach the cables to the connectors on the processor upgrade



4. Attach the fan to the heatsink as shown in the picture, using the screws provided. Make certain you do not cover the hole used to attach the upgrade to the logic board.



5. Locate the connector on the logic board where the original processor was installed. Line up the new processor as shown in the picture. Once lined up, firmly press down on the screw holes. You will hear the processor snap into position. Using the original processor screws, secure the new processor to the logic board as shown in the picture.



7. Replace the black shrouded fan back into position and replace the screws on the back of the chassis. You're done!



6. There is no need to adjust the DIP switch, as it is preset for 133 MHz bus.

Thank You For Choosing FastMac.

AGP Install



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