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OWC MERCURY G3 & G4 ZIF INSTALLATION INSTRUCTIONS

Please visit **http://eshop.macsales.com/Tech/index.cfm?load=zif.html** for our detailed online instruction manuals. The online instruction manuals are for Beige G3 systems, and the Blue & White G3 / G4 "Yikes" systems.

Quick Start Instructions

If you are already experienced with replacing a G3 or a G4 processor, use these jumper reference charts to aid in setting the proper speed for the upgrade you purchased. Start by removing the heatsink clip and heatsink from your existing ZIF. Lift the arm securing the ZIF into the socket. Remove the ZIF and replace it with the new ZIF, it will only fit in one direction. Replace the heatsink, orienting the clip the same way you removed it. Remove the jumper block on the logic board, and place the included jumpers in the proper order as listed below, depending on the processor speed you purchased. See the back of this sheet for pictures, or the online instruction manual for detailed step by step instructions.

Jumper settings for Beige G3 systems:

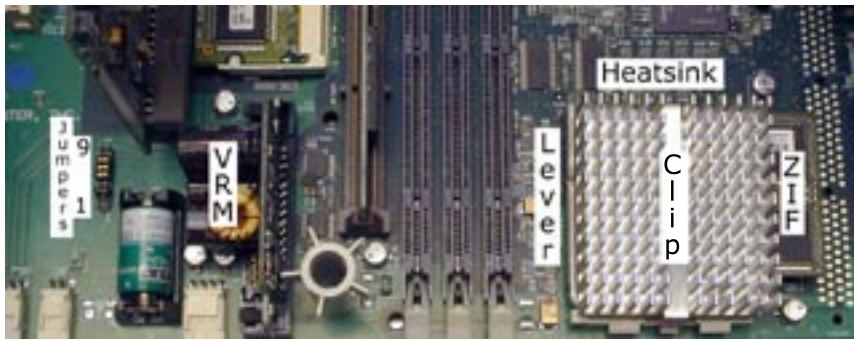#### Jumper 1 is from the front of the CPU to the back of the CPU

CPU Speed	PLL	J1	J2	J3	J4	J5	J6	J7	J8	J9
333MHz	x5	---	YES	---	---	YES	YES	YES	---	---
366MHz	x5.5	---	YES	YES	---	YES	YES	YES	---	---
400MHz	x6	---	---	YES	---	YES	YES	YES	---	---
433MHz	x6.5	YES	---	YES	---	YES	YES	YES	---	---
466MHz	x7	YES	YES	---	YES	YES	YES	YES	---	---
500MHz	x7.5	YES	YES	YES	---	YES	YES	YES	---	---
533MHz	x8	---	---	YES	YES	YES	YES	YES	---	---

Jumper settings for Blue & White G3 systems / G4 "Yikes" systems:

Jumper 1 is from the inside of the logic board to the outside of the logic board

CPU Speed	PLL	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11
300MHz	x3	YES	YES	YES	---	YES	YES	---	YES	YES	---	---
350MHz	x3.5	YES	---	---	---	YES	YES	---	YES	YES	---	---
400MHz	x4	YES	---	YES	---	YES	YES	---	YES	YES	---	---
450MHz	x4.5	---	---	---	YES	YES	YES	---	YES	YES	---	---
500Mhz	x5	---	---	YES	---	YES	YES	---	YES	YES	---	---
550MHz	x5.5	---	YES	YES	---	YES	YES	---	YES	YES	---	---

Thank you for purchasing your acceleration product from OWC!

Beige G3 logic board showing the jumper block, VRM (Voltage Regulator Module), ZIF socket with ZIF installed and the heatsink attached. You will need to work with each of these components during the installation process.
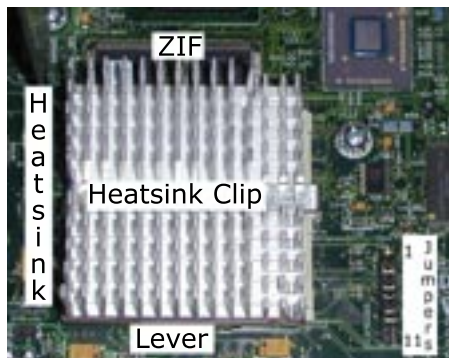
For a detailed color manual, please visit our online tech center at:
http://eshop.macsales.com/Tech/index.cfm?load=zif.html

ATTENTION: - if you have a **Royal VRM** (Voltage Regulator Module) installed, you will need to replace it before using a G4 processor from any manufacturer. It is estimated that this issue affects less than 2% of all Beige G3 systems.

For more information about the Royal VRM, please visit our tech center at:
http://eshop.macsales.com/Tech/index.cfm?load=zif.html

Blue & White G3 / G4 "Yikes" Logic board showing the jumper block, heatsink, ZIF socket with ZIF installed and the heatsink attached. You will need to work with each of these components during the installation process. If you have a G3 B&W system, you will need to unlock the ROM to allow the use of a G4 processor. visit the tech center for that information. For a detailed color manual, please visit our online tech center at:
http://eshop.macsales.com/Tech/index.cfm?load=zif.html

For technical assistance, please contact us either by telephone at (800) 275-4576 during the hours of 9AM-8PM CST Monday - Friday. For online technical support, please submit your request at:
http://eshop.macsales.com/Service/Tech_Request.cfm

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