

PowerMac Processor Upgrade *The modular and evolutionary upgrade for Pre-G3 PowerMacs*

MACH Carrier™ G3

Compatible Computers



PowerMac 7300, 7500,
7550, 7600



PowerMac 8500, 8550,
9500, 9550



PowerMac 8600, 9600 and
WGS series

What is the MACH Carrier G3?

The MACH Carrier G3 is a processor replacement for PowerMac 7300-9600 (illustrated above). It physically replaces the original 604 processor to give a huge performance increase.

What kind of speed increase can I expect with a MACH Carrier G3?

The performance increase is significant as the G3 processor is much faster than a 604. The main difference is that the level 2 cache, a small memory module that accelerates a processor, is "sitting" next to the processor on the G3s. Depending on the speed of the original 604 processor, you will experience a speed increase of up to 600% in normal operations.

What are the advantages of XLR8's Carrier concept?

The Carrier concept is a modular approach to processor upgrades. All the processor cards that are manufactured by competitors (NewerTech®, PowerLogix®, Sonnet®) are all-in-one cards. This means that the processor is soldered onto the board. If you want to use a faster processor, you have to change the whole card. XLR8 on the other hand has a modular upgrade which allows flexibility and versatility, resulting in a substantial savings to the consumer.

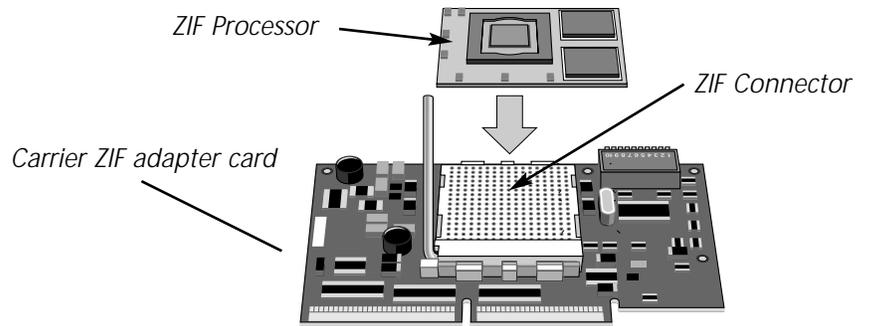
The Carrier ZIF MPe is an adapter card that allows you to use a ZIF processor in older PowerMacs. Remember that ZIF (Zero Insertion Force) is a type of connector used on the CPU.

- ZIF processors are as a general rule less expensive than all-in-one cards
- ZIF processors will be manufactured for a much longer period, as the PowerMacs G3 series are more recent computers (PowerMac G3 users may of course subsequently upgrade to G4 processors)
- Only XLR8 offers it's Trade Up Program... "Trade up from your previous XLR8 product to the fastest product in your class and get up to a 20% Trade-Up discount off the SRP, direct from XLR8!"

XLR8 - Modularity, Performance, Expandability



All-in-one G3 upgrade card

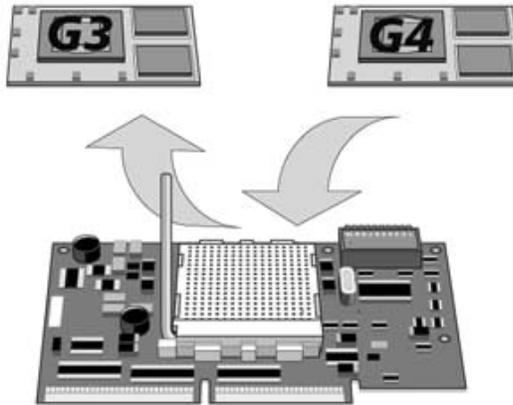


XLR8's MACH Carrier upgrade card

The MACH Carrier is composed of a ZIF processor, as found in the PowerMac G3, and a Carrier ZIF adapter card that allows you to use this ZIF processor in older PowerMacs. Remember that ZIF (Zero Insertion Force) is a type of connector.

- ZIF processors are as a general rule less expensive than than all-in-one cards
- ZIF processors are manufactured in higher quantities, as they are also used in PowerMacs G3 upgrades
- ZIF processors will be manufactured for a much longer period, as the PowerMacs G3 series are more recent computers

The main advantage of the modular approach lies in the fact that you can buy a MACH Carrier G3 (ie. a Carrier card with a MACH Speed G3 ZIF processor) today, and change the G3 processor for a G4 (MACH Speed G4 ZIF MPe) tomorrow at a reduced cost.



Replacing the G3 processor with a G4

Jumpers and switches?

It is often argued by our competitors that upgrade cards, which have jumpers and switches to adapt an upgrade card to a computer are less user-friendly than so-called "auto-bus" cards. The MACH Carrier G3 and G4 upgrade cards are shipped pre-set, which means you do not have to touch anything. Just plug the card into the computer and it works! In fact, the jumpers allow you to modify the speed (ie. optimize) of your card. This is a big advantage for experienced users, who wish to get the most out of their product. Therefore, the MACH Carrier cards are as easy to use as any "auto-bus" card. The difference is that XLR8 cards can be adjusted/tuned for your environment. This is why the MACH Carrier design is the most award-winning upgrade card design in its class.

