

## Tech Info Library

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### TITLE

PowerBook G3 Series (Bronze Keyboard): Upgrading  
Memory

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### TOPIC

This article provides the necessary information for upgrading memory in the PowerBook G3 Series (Bronze keyboard) computer.

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### DISCUSSION

**Note:** Macintosh PowerBook G3 Series computers should not be confused with Macintosh PowerBook G3 computers. Though the names are similar, there are significant differences. For more information differentiating between the computers, please see the following Tech Info Library article:

Article 24604: "[PowerBook G3 & G3 Series: Identifying Different Models](#)"

For information on upgrading memory in a PowerBook G3 Series computer, see the following Tech Info Library article:

Article 25002: "[PowerBook G3 Series: Upgrading Memory](#)"

The PowerBook G3 Series (Bronze keyboard) uses the same memory as the PowerBook G3 Series and iMac, with a maximum of 384 MB supported. There are two available slots for memory upgrades. The 128 MB configuration from Apple may use one-128 MB module or two-64 MB modules. Before ordering memory, ensure you have an available memory slot.

To verify your current memory configuration, open Apple System Profiler and click the System Profile tab. In the Memory Overview under the Built-in memory arrow it will describe how the Bottom and Top memory banks are configured.

**Note:** These directions are also available under the Help menu in the Help Center. Select the About Your PowerBook guide and refer to the Installing Memory section.

To upgrade the memory in your computer, follow these steps:

1. Remove AC power and the main battery.
2. Remove keyboard by first releasing the screw behind the port access door on the back of the computer. Turn the screw 7 to 8 times counter-clockwise to release it.

**Note:** Apple does not ship the PowerBook with the keyboard locking screw engaged. As such, it may or may not need to be released prior to keyboard removal.

The screw will not come out of the computer. Once the screw is released, slide the two release latches along the function key row towards the front of the computer to release the keyboard. Roll the keyboard towards you and rest it over the trackpad.

3. Remove the three screws holding the heatsink to the processor. Use caution when removing the heatsink as the material on the processor may stick to the heatsink. Lift the front edge of the heatsink first, then remove it completely from the computer.

4. Install the memory card. When installing the memory, start at a 30 degree position and then push the memory card in and down slightly. You will feel a slight snap as the card locks into position.

5. Reinstall the heatsink being careful not to damage clip holding the RAM card to the processor card. Refer to TIL article 58405: "[PowerBook G3 Series \(Bronze keyboard\): Heatsink Reinstallation Tip](#)" for additional information on reinstalling the processor heatsink.

6. Reinstall the keyboard, again sliding the release latches back to allow the keyboard to be secured to the computer. Retighten the keyboard locking screw to secure the keyboard to the computer.

**Note:** When reinstalling the keyboard, make sure all the tabs on the leading edge are fully inserted into the corresponding slot. Failure to do so may cause the keyboard tab to put pressure on the CD-ROM drive possibly causing a grinding noise when resting your hand on the palmrest when a CD is inserted.

7. Turn the computer on and choose About This Computer from the Apple menu to ensure the memory is recognized.

**Note:** Care should be exercised when installing memory as this exposes components that are static sensitive. Use a grounded work area to discharge any static electricity on your body before handling memory. Damage caused by static electricity will not be covered by the Apple Limited Product Warranty.

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**EXTENDED Information - Apple Internal Use - Service Providers and Support Professional**

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**Document Information**

Product Area: Computers

Category: PowerBook

Sub Category: PowerBook G3 Series (Bronze Kbd)

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