

What are the Requirements and Procedures to Upgrade Memory? PCG 731 735 748

The common questions, requirements and procedures to install memory on a PCG 731 735 748 are documented below. This solution is broken into three sections:

- I. Memory Specifications and Configurations**
- II. Common Questions**
- III. Memory Installation/Removal Steps**

I. Memory Specifications and Configurations

Use 144 pin SDRAM SODIMMs (32MB, 64MB and 128MB modules) to upgrade the memory on these models.

1. PCG 731 735 748 Memory Expansion Information

One of two SODIMM sockets are populated on a factory system. The default memory amounts as shipped from the factory are as follows:

PCG 731 748: (one 32 MB SODIMM in one slot).

PCG 735: (one 64 MB SODIMM in one slot).

2. The memory options in Slot 1 and Slot 2 are interchangeable. Below are possible system slot configurations:

Memory (MB)	Slot 1 (MB)	Slot 2 (MB)
32	32	Empty
48	32	16
64	64	Empty
64	32	32
80	64	16
96	64	32
128	64	64

II. Common Questions

1. Where can the Sony memory modules be purchased?

VAIO Direct no longer sells memory upgrades for these systems. SODIMM Memory upgrades are available from third party memory manufacturers and Sony VAIO PC dealers.

2. What is the warranty coverage for a memory upgrade?

Sony's Limited Warranty DOES cover the notebook itself, but DOES NOT cover any add-on memory modules since they are not a Sony product.

Memory installation performed by authorized dealers or customers will not void the warranty, however, Sony's warranty DOES NOT cover damage caused by improper add-on memory installation.

3. Does Sony qualify any vendor's memory?

No. It is the memory vendor's responsibility to guarantee the compatibility of their memory products with Sony notebooks.

III. Memory Installation/Removal Steps

If assistance is required to install memory a PCG 731 735 748 notebook, please contact Sony at 1-888-476-6972 after the memory module is purchased. A pay for support charge will apply.

USER GUIDE NOTE: The User Guides which shipped with the notebooks contain detailed instructions (with images) to add memory.

1. PCG 731 735 748 Memory installation.

Memory can be installed using with a screw driver. There is an access panel on the bottom of the notebook.

- A. Shut down the notebook and disconnect all peripheral devices, such as a printer, etc... .
- B. Unplug the computer and remove the battery packs. Let the computer cool down.
- C. DO NOT work in a carpeted area.
- D. Please discharges any static electricity by touching a grounded metal object. It is highly recommended to use a grounding strap!
- E. Wait until the computer cools down and then turn the computer upside down. Open the cover on the bottom by turning the screw counter- clockwise with a small Phillips-head screwdriver.
- F. Remove the new memory module from its packaging.

G. Align the slot and memory connectors and slide the memory module forward and gently down into the slot.

NOTE: The connectors snap into place when the memory is correctly seated.

H. Close the cover and tighten the screws.

I. Plug in and start the computer.

J. Turn on the computer. Memory installation can be confirmed in Sony Notebook Setup. If the memory is not installed or not showing correctly, please follow the above process to reseal the memory module again.

2. PCG 731 735 748 Memory Module Removal.

A. Shut down the notebook and disconnect all peripheral devices, such as a printer, etc....

B. Unplug the computer and remove the battery packs. Let the computer cool down.

C. DO NOT work in a carpeted area.

D. Please discharge any static electricity by touching a grounded metal object. It is highly recommended to use a grounding strap!

E. Wait until the computer cools down and then turn the computer upside down. Open the cover on the bottom by turning the screw counter-clockwise with a small Phillips-head screwdriver.

F. Pull the two spring tabs outward to release the memory module.

G. Pull the module outward (toward you) to remove the module.

H. Close the cover and tighten the screws.

I. Plug in and turn on the computer.