

## Instructions for memory installation and upgrade

---

If you want to install memory in a new computer, please follow steps 1 to 12. If you want to upgrade your computer, please follow steps A to D as well.

### 1) Getting ready

Before beginning installation, make sure to have a **non-magnetic screwdriver**, the computer or motherboard manual and the memory module ready.

### 2) Ground yourself

Static electricity can damage the sensitive memory modules. Prior to installation, briefly touch a metallic heater or similar device to make sure that there is no static electricity.

### 3) Getting the computer ready

Switch the computer off and disconnect the power cord and any external connections. Place the computer on a suitable surface and open the case. Keep in mind that there can be slight variations because there are so many different kinds of computers. For example, memory modules are installed at the back of Apple iMac cases.

**Caution: Individual components of the computer can be hot or statically charged even after the computer is switched off (power supply)!**

### 4) Upgrade or initial upgrade

There are generally 2 to 4 DIMM sockets next one another on the motherboard. If you want to upgrade your computer, proceed as follows.

- a) Check whether the modules you were using up to now are compatible with the new takeMS memory.
- b) Modules with different timings and latencies may be compatible but they run at the speed of the slower module. Before installation, think about whether it might be better to use your old memory in another system.
- c) To remove the old modules, simultaneously press down both clips at the end of the DIMM socket. It is best to use both hands to grasp the module at its outer edges and remove it.
- d) Wrap the module in anti-static material and put it aside.

Further installation

5) Using the manual, determine which is the first DIMM socket.

6) Remove the module from the packaging and hold it so that the golden contacts are facing down.

7) Check whether the "nose" in the DIMM socket fits into the opening in the contact strip. It may be necessary to turn the module 180 degrees.

8) Insert the module into the socket and then press down firmly and evenly at both ends.

9) Now, the clips on both sides should be lying firmly on the module. To be on the safe side, press them once more in the direction of the module.

***(Caution: If the clips are not lying evenly or the module is not straight in the socket, we cannot guarantee that it will work properly. Remove the modules again (step C) and insert them correctly.)***

**10)** Insert the rest of the modules into the remaining DIMM sockets. At the end, all memories should be positioned evenly and at the same depth in the sockets.

**11)** Close your PC and reattach the connections and the power cord.

**12)** As your computer is rebooting, make sure that the type of memory and capacity are displayed correctly.

**Have fun with your new takeMS memory!**