

# VIKING MEMORY

## INSTALLATION GUIDE

COMPAQ®

Armada 7400 Series; Presario 1207, 1210, 1215, 1220, 1230, 1235, 1240, 1250, 1255, 1260, 1266, 1267, 1610, 1611, 1615, 1620, 1621, 1622, 1625, 1630, 1640, 1680, 1681, 1810



Manual No. 1005239 • Release 04/99, Rev. B

SPEED • POWER • PERFORMANCE®

The **Compaq Armada 7400 Series** comes standard with 32MB soldered or 64MB(32MB soldered + 32MB module) of memory. It can be expanded to a maximum of 256MB\*† by installing the following Viking Components memory options into its two available expansion slots.

The **Compaq Presario 1207, 1210, 1610, 1615, 1620** and **1630** come standard with 16MB of non-removable memory. They can be expanded to a maximum of 80MB by installing the following Viking Components memory options into their one available expansion slot.

The **Compaq Presario 1215** comes standard with 24MB (16MB soldered + 8MB module) of memory. It can be expanded to a maximum of 80MB\* by installing the following Viking Components memory options into its one available expansion slot.

The **Compaq Presario 1220** comes standard with 32MB (16MB soldered + 16MB module) of memory. It can be expanded to a maximum of 80MB\* by installing the following Viking Components memory options into its one available expansion slot.

The **Compaq Presario 1230, 1235, 1611, 1611, 1621** and **1680** come standard with 32MB of memory soldered. They can be expanded to a maximum of 96MB by installing the following Viking Components memory options into their one available expansion slot.

The **Compaq Presario 1240** and **1250** come standard with 64MB (32MB soldered + 32MB module) of memory. They can be expanded to a maximum of 96MB\* by installing the following Viking Components memory options into their one available expansion slot.

The **Compaq Presario 1255** comes standard with 32MB of memory soldered. It can be expanded to a maximum of 160MB by installing the following Viking Components memory options into its one available expansion slot.

The **Compaq Presario 1260, 1266** and **1267** come standard with 64MB (32MB soldered + 32MB module) or 96MB (32MB soldered + 64MB module) of memory. They can be expanded to a maximum of 160MB\* by installing the following Viking Components memory options into their one available expansion slot.

The **Compaq Presario 1622, 1625** and **1680** come standard with 32MB of removable memory. They can be expanded to a maximum of 128MB\* by installing the following Viking Components memory options into their two available expansion slots.

The **Compaq Presario 1640** comes standard with 32MB of removable memory. It can be expanded to a maximum of 96MB\* by installing the following Viking Components memory options into its two available expansion slots.

The **Compaq Presario 1681** come standard with 48MB of removable memory. It can be expanded to a maximum of 96MB\* by installing the following Viking Components memory options into its two available expansion slots.

The **Compaq Presario 1810** comes standard with 64MB (32MB soldered + 32MB module) of memory. It can be expanded to a maximum of 160MB\* by installing the following Viking Components memory options into its one available expansion slot.

Description	Viking P/N
32MB SDRAM Memory Module	C14890, RC14890
32MB SDRAM Memory Module	C93821, RC93821
64MB SDRAM Memory Module	C14891, RC14891
64MB SDRAM Memory Module	C93822, RC93822
128MB SDRAM Memory Module††	C78128, RC78128

\*Requires removal of the standard memory module.

†Requires removal of the 16MB standard memory module.

†Although it is physically possible to install more, the maximum memory the system will recognize is 256MB. When two 128MB modules are installed, the soldered 32MB is no longer recognized.

††Available for the Armada 7400, 7800 Series; Presario 1255, 1260 and 1267 only.

⇨Only available for the Presario 1810 at this time.

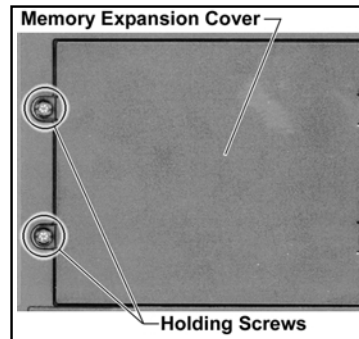


Caution:

**Electro Static Discharge (ESD) can damage electronic components. Before touching the memory module, ensure that you are discharged of static electricity by touching a grounded metal object.**

## INSTALLATION INSTRUCTIONS:

1. Turn the computer off and disconnect the AC power supply and any other cables from the unit.



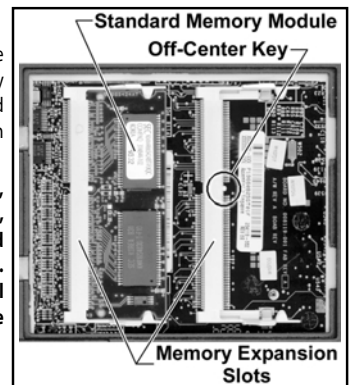
**Note: If the unit appears to be powered down, ensure that it is not in Suspend mode.**

2. Turn the computer upside-down. Remove the battery from the system. If you are not familiar with this procedure, please refer to your computer's "Owner's Manual."

3. Locate the memory expansion cover on the right side of the bottom panel. Also locate the two holding screws on the left side of the expansion cover. Remove the screw using a Torx-8 driver. Then remove the cover by lifting the left side up.

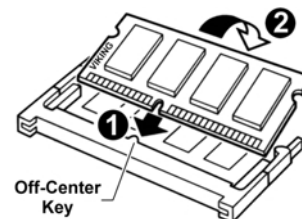
4. Locate the two memory expansion slots in the open compartment. Also locate the off-center key on each of the slots. There will also be a standard memory module occupying one of the expansion slots.

**Note: Presario models 1207, 1210, 1215, 1220, 1230, 1235, 1240, 1250, 1255, 1260, 1266, 1267, 1610, 1611, 1615, 1620, 1621, 1630, 1680 and 1810 have only one memory expansion slot. Also Presario 1200, 1600 and 1800 series will have only one Phillips holding screw on the expansion cover.**



5. To reach the maximum amount of memory for your system, the standard memory module will need to be removed. If you do not wish to remove this or any other modules, please proceed to step 7. To remove the standard module, please proceed to step 6.

6. To remove a memory module, locate the retaining clips on both sides of the memory module. Gently pull both clips away from the module and then lift the module out of its expansion slot.



7. To install a memory module, insert the module into an expansion slot at an angle and then push it down until it clicks into place. To be certain that the module is installed correctly, ensure that the off-center notch on the module is aligned with the off-center key of the expansion slot. The module can only be installed one way due to the position of the notch.

8. Replace the memory expansion cover back to its original position. Depending on the model of your system, secure the one or two holding screws.

9. Insert the battery back into its compartment and turn the system right side up.

10. Replace the AC power supply and any other cables you may have disconnected.

11. Open the display screen and turn the system on. The computer will automatically reconfigure itself to recognize the additional memory. The new memory can be verified during the POST routine at start-up and at the SETUP utility.

The installation is now complete.