

Texas Instruments
Optional 8-MB RAM Upgrade
Optional 16-MB RAM Upgrade
Optional 8-MB Shuttle Memory Expansion

Your computer is equipped with 8 MB of random access memory (RAM). You can increase memory by installing one of the RAM options:

- ☐ 8-MB RAM Expansion Board (TI Part No. 9798816-0001). This expands RAM from 8 MB to 16 MB.
- ☐ 16-MB RAM Expansion Board (TI Part No. 9798816-0002). This expands RAM from 8 MB to 24 MB.

Additional Memory Expansion

- ☐ 8-MB Shuttle Memory Expansion (TI Part No. 9798816-0003) - allows further memory expansion by adding an additional memory card onto one of the existing memory expansion boards (listed above). The following table illustrates possible memory configurations with your TM5000 computer:

Caution: Texas Instruments does not warranty the use of non-TI memory. TI will not be held responsible for problems or degradation of performance incurred by the use of any memory other than the TI memory described in these instructions.

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Memory Configurations for TM5000			
Memory Expansion Without Shuttle		Memory Expansion With Shuttle	
	Total		Total
Base Memory	8 MB	Base Memory	8 MB
Base Memory + 8 MB Expansion	16 MB	Base Memory + 8 MB Expansion + 8 MB Shuttle	24 MB
Base Memory + 16 MB Expansion	24 MB	Base Memory + 16 MB Expansion + 8 MB Shuttle	32 MB

Installing A RAM Expansion Board

There are two methods for installing a RAM expansion board:

- ☐ Direct connection of the optional 8-MB or 16-MB expansion board to the computer
- ☐ Connection of the optional memory board to the shuttle expansion board. The connected boards are then directly connected to the computer

Installing 8-MB or 16-MB Boards

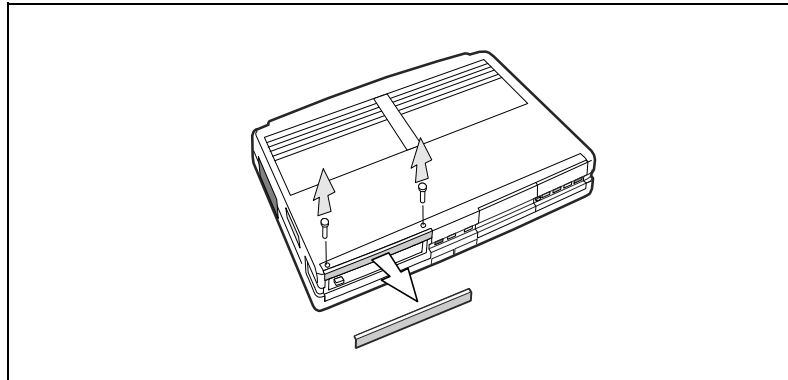
To install the 8-MB or 16-MB optional memory expansion boards, complete the following steps.

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Caution: Prevent component damage caused by electrostatic discharge (ESD). Use a high-impedance, grounded-conductive floor mat or wrist strap to prevent ESD. Before touching the integrated circuit devices, discharge static electricity from your hands, tools, and containers by touching them to a grounded surface.

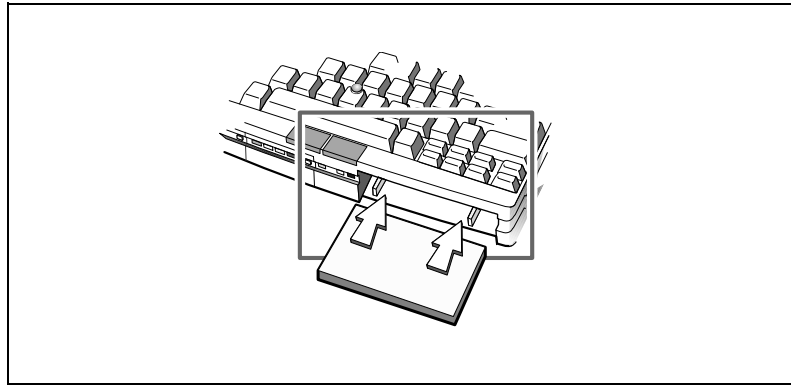
1. Turn off Quick Boot in the System Setup (refer to the *TM5000 User's Reference Guide* for information on Quick Boot).

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- 2.** Turn off the notebook, unplug the AC Adapter, and remove the battery pack.
 - 3.** Turn the notebook upside down on a padded surface.
 - 4.** Remove the two Phillips screws underneath the RAM expansion compartment located below the floppy drive to remove the floppy disk bezel.



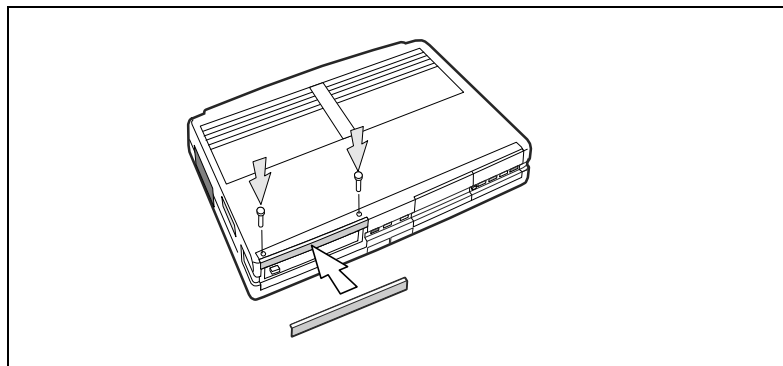
Removing screws from the RAM expansion compartment

- 5.** Remove the RAM expansion board from the plastic bag.
- 6.** Carefully insert the expansion card so that it follows the rails until the card fits snugly and the connectors match.



Inserting RAM expansion card

7. Replace the bezel and tighten the screws.



Replacing the bezel

8. After installing the RAM expansion board and with Quick Boot still turned off, reboot. Memory is automatically checked at powerup.

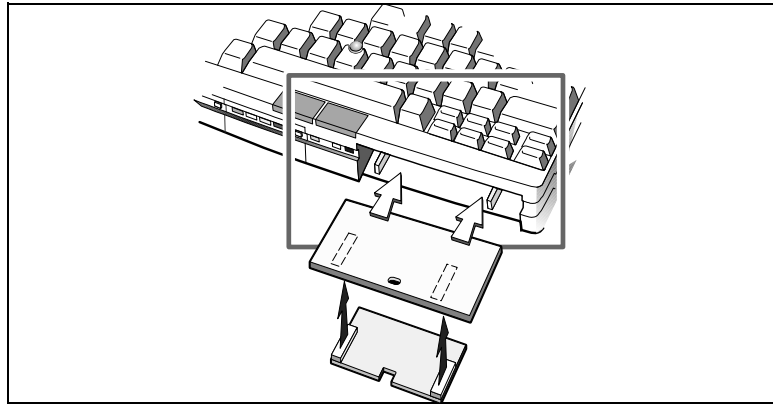
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Note: If all of the memory is not recognized at powerup, try re-installing the memory board.

Attaching 8-MB Shuttle Expansion Memory

The 8-MB Shuttle Expansion Memory can only be installed if you have already purchased an 8-MB or 16-MB RAM expansion board. To attach the 8-MB Shuttle Expansion Memory, complete the following steps:

- 1.** Turn off Quick Boot in the System Setup (refer to the *TM5000 User's Reference Guide* for information on Quick Boot).
- 2.** Turn off the notebook, unplug the AC Adapter, and remove the battery pack.
- 3.** Turn the notebook upside down on a padded surface.
- 4.** Remove the two Phillips screws underneath the RAM expansion compartment located below the floppy drive to remove the bezel.
- 5.** Remove the first optional memory board (if one is installed) or remove the first optional memory board from its packaging if you are installing new expanded memory.
- 6.** Remove the 8-MB shuttle expansion memory from its packaging.
- 7.** Connect the two boards so that they fit together snugly.



Connecting shuttle expansion memory

8. Carefully insert the expansion cards so that the first optional memory board follows the rails and fits snugly into matching internal connectors.

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Note: The lower board does not directly connect to the computer.

9. Replace the bezel and tighten the screws.

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