Computer memory

) motherboard

ClearPic Troubleshooting Guide

Certain memory requirements are necessary to install and run ClearPic. Check that the computer has at least 500 MB of RAM available. For optimal performance, make sure the computer's CPU has a bit size of at least 32 bits. It should run at a bus speed of 800 MHz.

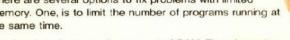
There are several options to fix problems with limited memory. One, is to limit the number of programs running at the same time.

Another, is to increase the amount of RAM. First, determine whether your computer uses SIMMs or DIMMs. Make sure that the memory's bus speed matches that of the

You can also increase your computer's virtual memory. This temporarily stores data on a paging file on the computer's hard drive. To

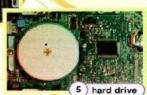
add virtual memory, click on the "My

Computer" icon. Under "Properties," increase the maximum memory amount.



computer. Purchase the appropriate amount of RAM and attach it to the motherboard.







7986 MB

Maximum size (MS): 1536

Reading

Get ready!

1 Before you read the

these questions.

passage, talk about

1 How has increased

computer memory changed business?

2 When do people need to

add more computer

- Read the troubleshooting guide. Then, choose the correct answers.
 - 1 What is the passage mainly about?
 - A the main function of the CPU
 - B where to install the ClearPic file
 - C how to add or modify computer memory
 - D speeds of RAM attached to the motherboard
 - 2 What should people do first when increasing available RAM?
 - A check to see if they need SIMMs or DIMMs
 - B increase the amount of virtual memory
 - C temporarily store their data on a paging file
 - D make sure the CPU runs at a speed of 800
 - 3 What is NOT a way to fix a limited memory
 - A increase the amount of virtual memory
 - B buy a new motherboard for the computer
 - C reduce the number of programs running
 - D increase the amount of available RAM

Vocabulary

Match the words (1-7) with the definitions (A-G).

1	MHz	5 _	virtual	memory

- 2 _ SIMM 6 __paging file 3 _ motherboard 7 _ bit
- 4 _ DIMM
- A where data that doesn't fit in the RAM is stored
- B the main circuit board in a computer
- C a unit of measurement that measures the speed of a CPU
- D a data storage method that stores data on the hard drive
- E the smallest unit of computer data
- an memory module that sends up to 32 bits of data to a CPU
- G a memory module that sends up to 64 bits of data to a CPU

	the blanks with the correct words bhrases from the word bank.		
word	BANK		
	hard drive RAM bit size MB bus speed		
1 The	e computer has a of 64 bits.		
2 The MH	e computer's CPU has a of 800 lz.		
3 Inc	rease the virtual memory to store data on		
	s computer comes with 900		
	tall additional into the therboard.		
guide	isten and read the troubleshooting again. What happens when a outer's virtual memory is made bigger?		
Listen	ing		
	isten to a conversation between a		
	omer and an employee of ClearPic. the statements as true (T) or false (F).		
1 The customer's CPU is too slow to run the program.			
2 _	The employee advises the customer to buy more RAM.		
3 _	Increasing the virtual memory will increase the paging file size.		
	isten again and complete the ersation.		
Employe	e: Well, 1 To run ClearPic you really want to have at least 500 MB of memory.		
Custome	er: So how can I fix that?		
Employe	e: One easy way is to increase your computer's 2		
Custome	er: What will that do?		
Employe	e: It increases the paging file size. That way, your computer's 3 can store more data.		
Custome	the memory?		
Employe	e: 5 on the "My Computer" icon. Under "Properties", increase the		

maximum memory amount 6 _____

____ half.

