

What is computer memory?

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Suggest three basic items stored in memory

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Differentiate between memory addresses and stored program concept.

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What do the abbreviations RAM and ROM stand for?

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Suggest three differences between RAM and ROM

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Why is RAM referred to as volatile and ROM referred to as non-volatile?

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What is RAM?

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Mention three types of RAM.

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Write SIMM and DIMM in full

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Mention three uses of RAM

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“The greater your computer’s memory capacity the better” Give four reasons

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Write the following abbreviations in full

FRAM

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SRAM

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DRAM

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What is ROM?

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List down three uses of ROM

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What does BIOS stand for?

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What is the role of BIOS in a computer system?

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What is firmware?

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What do the following variations of ROM stand for? What do they mean?

PROM

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EPROM

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EEPROM

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What does CMOS stand for?

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What type of data is stored in CMOS?

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Give four examples of such data.

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Differentiate between cache memory and memory buffer.

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What is the purpose of memory buffer?

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Why is the binary number system used for computers?

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Define the term address as used in memory measurement.

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What are binary codes?

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Write the following abbreviations in full.

ASCII

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EBCDIC

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BCDC

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What are parity bits?

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What is the difference between a parity check and a parity chip?

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What does the abbreviation CPU stand for?

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What is a CPU?

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What does a CPU do?

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How is clock speed stated?

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What is a clock cycle?

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What is clock speed?

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What is a hertz?

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How does the CPU determine the speed of a computer's processing power?

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What do the abbreviations CISC and RISC stand for as used with reference to CPU designs?

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What is CISC?

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What is RISC?

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Explain the purpose of the system clock

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Describe three functions performed by the CPU

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What is a micro processor?

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What is the role of the following parts of the CPU?

Control unit

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ALU

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Registers

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Outline any four examples of registers.

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Differentiate between virtual memory and physical memory

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Why is virtual memory slower than physical memory?

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Name three special purpose memories found either inside or outside the microprocessor and explain what each does.

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List three buses found in the CPU

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