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Vocabulary: Define each of the terms below.

1. motherboard: Main printed circuit board (PCB) in general purpose computers/systems, where all parts of the computer are put

2. microprocessor: CPU along with other processors. Made of transistors that carry electric charge. Has on/off switch to steer current through a specific path

3. CPU: Central processing unit: performs arithmetic and logic operations. A chip the functions as the brains, made of transistors and microprocessors

4. ROM: Read Only Memory: a small memory that allows fast access to permanently stored data but prevents addition to or modification of data

5. RAM: Random Access Memory: short term memory in computer. When computer is off, all information here disappears Information can be accessed in any order

6. BIOS: Basic input output system: controls startup process and loads operating system into memory

7. Input Device: (Give examples) Keyboard, mouse, joystick

8. Output Device: (Give examples) Monitor, Speakers, Printers

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9. Hard Drive: A non-volatile memory hardware device that permanently stores and retrieves data. Is a secondary storage device, consisting of 1+ platters where data is written using a magnetic head

10. Modem: _____
A combined device for modulation and demodulation, like the digital data of computer and the analog signal

11. Graphics and Sound Cards: Graphics: type of display adapter/video card to display graphical data in clarity, color, definition and overall appearance
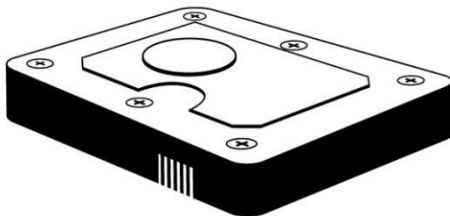Sound: expansion card for producing sound

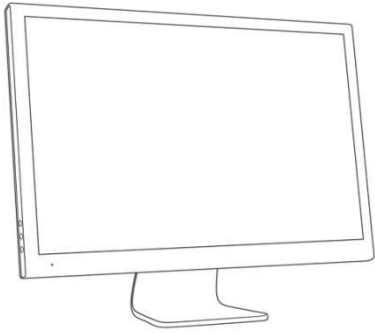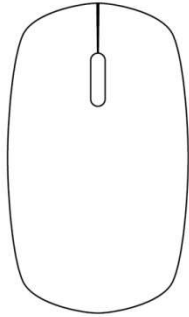Identify these hardware components:
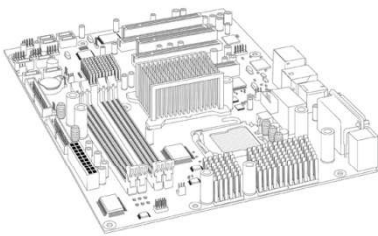
12. _____ Motherboard _____
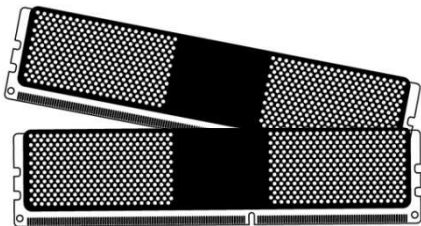
13. _____ RAM _____

14. _____ ROM _____

15. _____ Monitor _____

16. _____ Mouse _____
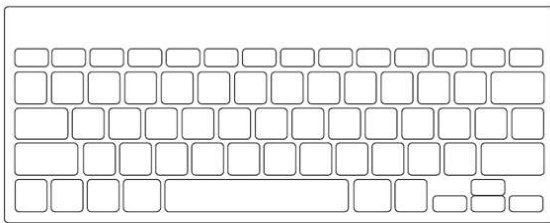
17. _____ Keyboard _____
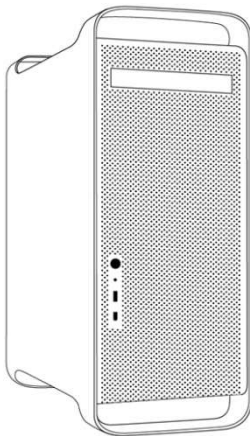
18. _____ Speakers _____

19. _____CPU_____

20. _____Laptop_____