

UNIT 1 INSIDE YOUR COMPUTER

1. Read the article and choose the right answer

5 Inside the Computer

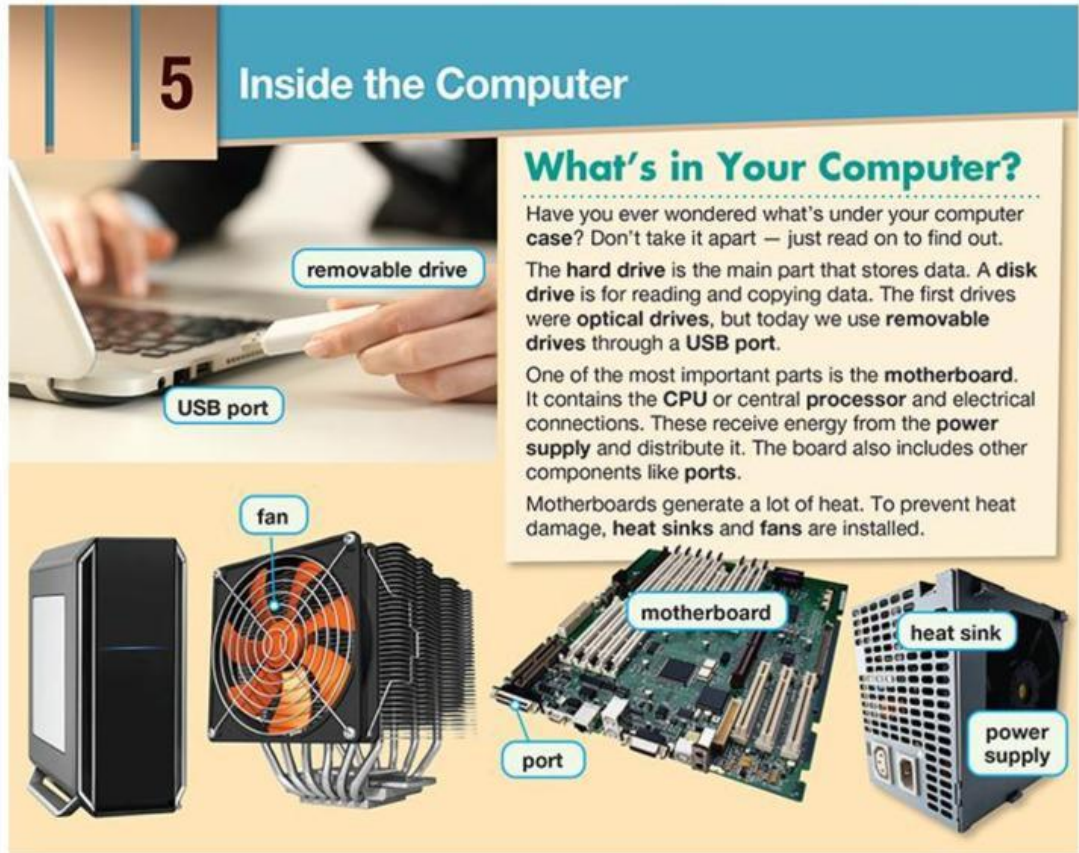
What's in Your Computer?

Have you ever wondered what's under your computer **case**? Don't take it apart — just read on to find out.

The **hard drive** is the main part that stores data. A **disk drive** is for reading and copying data. The first drives were **optical drives**, but today we use **removable drives** through a **USB port**.

One of the most important parts is the **motherboard**. It contains the **CPU** or central **processor** and electrical connections. These receive energy from the **power supply** and distribute it. The board also includes other components like **ports**.

Motherboards generate a lot of heat. To prevent heat damage, **heat sinks** and **fans** are installed.



The diagram illustrates various computer components. At the top left, a person's hands are shown plugging a white USB drive into a laptop's USB port. Below this, a large black computer case is shown next to a cooling fan with orange blades. To the right of the fan is a green motherboard with various components, including a central processor and several ports. Further right is a silver power supply unit with a black fan, and next to it is a black heat sink. Labels with lines pointing to each component are: 'removable drive' (pointing to the USB drive), 'USB port' (pointing to the laptop port), 'fan' (pointing to the cooling fan), 'motherboard' (pointing to the green board), 'port' (pointing to a port on the motherboard), 'heat sink' (pointing to the black finned component), and 'power supply' (pointing to the silver unit).

1 What is the purpose of the article? WRITE LETTER A, B C OR D

- A to explain how to fix a computer
- B to describe computer components
- C to show how devices communicate
- D to teach how to construct a computer

2 Which part generates the most heat? WRITE LETTER A, B, C OR D

- a. A the hard drive
- b. B the optical drive
- c. C the motherboard
- d. D the ports

3 How are motherboards protected? WRITE LETTER A, B, C OR D

- a. **A** by heat sinks and fans
- b. **B** by installing power supplies
- c. **C** by switching to removable drives
- d. **D** by adding second processors

2. Match the words or phrases next to the definitions. Use the words from the box

fan / power supply / optical drive / heat sink / motherboard / processor
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A a part that reduces heat

B a mechanical part used to move air

C a part that interprets and runs programs

D the means of providing energy

E the central circuit board

F a portable part that allows data to be read and copied

3. Read the sentence pairs. Choose which word or phrase best fits each blank.

Write the word or words in the gap

USB port hard drive

1 **A** A _____ allows for connection, communication and power supply between computers, peripherals and other computers.

B A computer with a larger _____ will have extra storage.

Port case

2 **A** A _____ is a docking point on a computer.

B The components of a computer are contained in a _____.