

# HARDWARE COMPOSITION COMPUTER

- A computer is a system.
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- Interface is a standard for connecting components to a system.
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- The set of interfaces implemented in a computer forms the computer architecture.
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- A complete description of the set and characteristics of the devices that make up a computer is called a PC configuration.

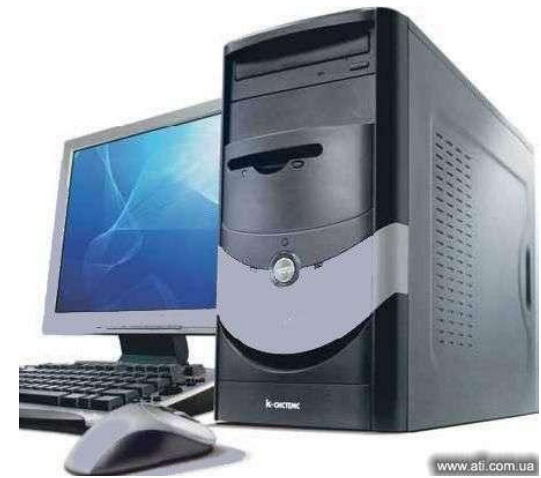


# "Minimum" PC Configuration

- System unit
- Monitor
- Keyboard
- Mouse
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# "Typical PC"

- Enclosure with power supply
- System (motherboard) board
- CPU
- RAM
- video controller
- Monitor
- HDD
- Keyboard
- Mouse
- CD-ROM drive
- floppy disk drive
- Sound card
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# PC configuration

- **An office computer is focused on working with office-class programs and does not have high performance.**
- **A home computer is used for entertainment and not too complicated work (educational) tasks. Multimedia.**
- **A gaming computer requires a powerful graphics subsystem.**
- **The design computer is designed to perform complex graphics and video processing.**
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# PC configuration

- **Laptop - portable PC. In addition to compact dimensions, it differs from a desktop PC in the ability to run on batteries.**
- **Classified by size, display diagonal and number of "spindles" (individual drives).**
- **Desktop laptop. Unlike laptops in the absence of batteries.**
- **Netbook - a small laptop designed to access the Internet and work with office applications**
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# The main purpose of the computer -

- execute programs, each of which is a set of instructions.
- Each command is an elementary instruction that instructs the computer to perform a particular operation.
- The device that processes information is the processor.



- The computer motherboard contains only devices that process information.
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- Devices that control the monitor, display, etc., are implemented on separate boards (controllers), which are inserted into special connectors on the motherboard - slots.
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# *Input Devices:*

- Keyboard





# *Input Devices:*

- Mouse
- Trackball for screen control
- Joystick
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