

# 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.

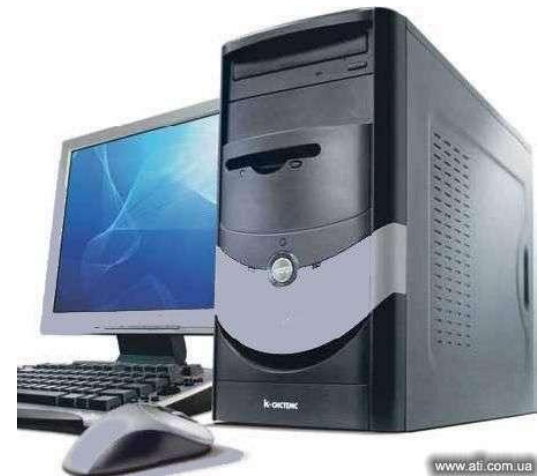


# "Minimum" PC Configuration

- ◉ System unit
- ◉ Monitor
- ◉ Keyboard
- ◉ Mouse
- ◉

# "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.
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- 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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