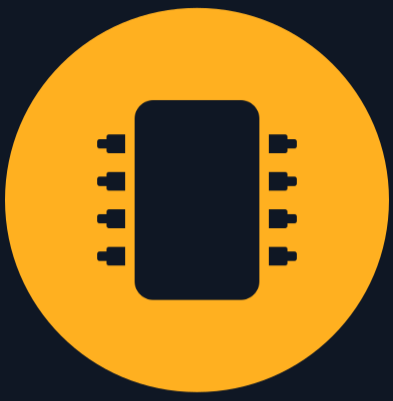


SHORT 1 · WHAT IS HARDWARE?

# If you can touch it, it's hardware

*The physical parts of a computer*

# Hardware Is…



All the physical parts of a computer — the parts you can see and touch, inside and outside the case.

# Examples of Hardware



Keyboard



Mouse



Monitor



CPU



RAM



Hard drive



REMEMBER

# Hardware = the parts you can touch

NEXT SHORT

**Input and output devices**

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SHORT 2 · INPUT & OUTPUT

# How do you talk to a computer?

*With input and output devices*

# Input Devices



Keyboard



Mouse



Microphone



Webcam



Scanner



Touchscreen

# Output Devices



Monitor



Printer



Speakers



Headphones



Projector



Phone screen

# Some Devices Do Both



A touchscreen takes your touch (input) and shows the picture (output). A headset with a microphone does both too.



REMEMBER

# Input goes in. Output comes out.

NEXT SHORT

**What's inside the computer?**

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SHORT 3 · INSIDE THE COMPUTER

# What's inside the box?

*Meet the core components*

# Core Components



## CPU

The brain — runs every instruction



## RAM

Fast short-term memory



## Storage (HDD / SSD)

Keeps your files long-term



## Motherboard

Connects all the parts



## Power supply

Powers every part

# RAM vs Storage



RAM is like your desk — fast, small, and cleared when power is off. Storage is like a cupboard — bigger, and it keeps your files.



REMEMBER

# CPU thinks. RAM works. Storage keeps.

NEXT SHORT

Types of computers

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SHORT 4 · TYPES OF COMPUTERS

# Not all computers look the same

*From phones to supercomputers*

# Types of Computers



Desktop



Laptop



Tablet



Smartphone



Server



Embedded

# Where They Are Used



## Personal

Desktops, laptops, and phones



## Business

Servers run websites and email



## Science

Supercomputers for weather and research



## Embedded

Inside cars, ATMs, and appliances





REMEMBER

# Every computer has hardware

NEXT TOPIC

**Topic 3: What is software?**

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