

PARTS OF A COMPUTER



WHAT IS A COMPUTER?

A computer is a machine that helps us do many things, like play games, learn new things, and talk to friends. It follows instructions and can do math, write words, and show pictures. These are the main parts of a computer:-

1. **Monitor:** The screen that shows what you're doing.
2. **Keyboard:** Used to type letters, numbers, and symbols.
3. **Mouse:** Helps move the cursor and click on things.
4. **CPU (Central Processing Unit):** The “brain” of the computer that processes information.
5. **RAM (Memory):** Helps the computer run programs quickly.
6. **Storage (Hard Drive or SSD):** Stores files, like pictures and games.
7. **Speakers:** Let you hear sounds and music.

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MONITOR

A monitor is the part of a computer that looks like a TV screen. It shows you everything you're doing on the computer, like playing games, watching videos, drawing, or writing. The monitor shows pictures, words, colors, and even animations, so you can see and enjoy what's happening on the computer. It's like a window that lets you see all the cool things the computer is working on. You can even adjust its brightness and colors to make it look just right!



KEYBOARD

A keyboard is the part of the computer that helps you type letters, numbers, and symbols. It's like a big panel with lots of buttons called "keys," and each key has a letter, number, or symbol on it. When you press the keys, letters and numbers show up on the screen, helping you write words, sentences, or even do math. The keyboard has special keys too, like the "Space" bar to make spaces between words, and the "Enter" key to start a new line. It's like a powerful writing tool that helps you talk to the computer!

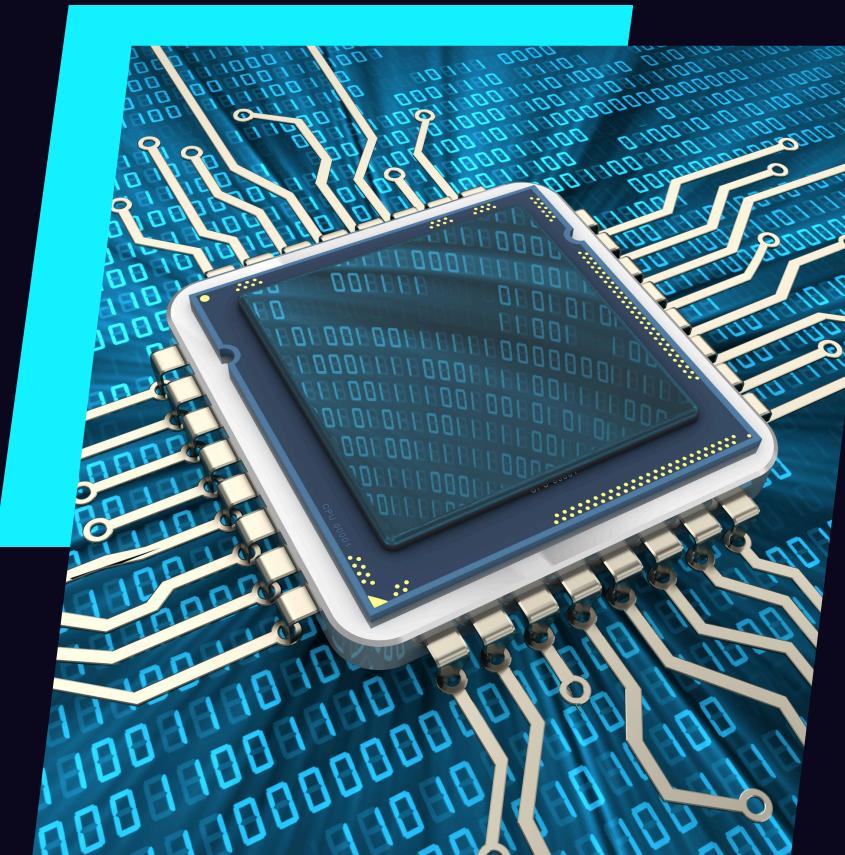
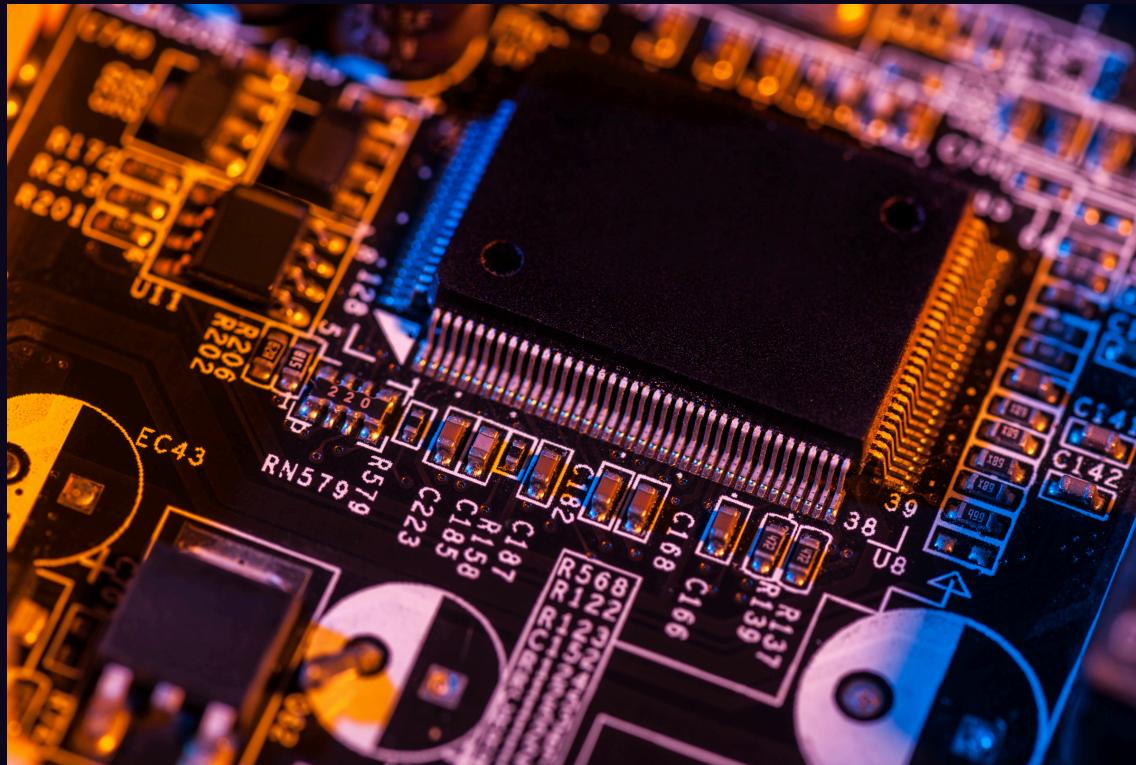


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MOUSE

A mouse is a small tool that you move with your hand to control the arrow (or "cursor") on the computer screen. When you slide the mouse on a flat surface, the cursor moves the same way on the screen, helping you point to, click on, and select things. The mouse usually has two buttons: the left button to select or open things and the right button for extra options. Some mice also have a scroll wheel in the middle that helps you move up and down on a page. The mouse is like your hand's way to reach into the computer and interact with everything on the screen!



CPU (CENTRAL PROCESSING UNIT)

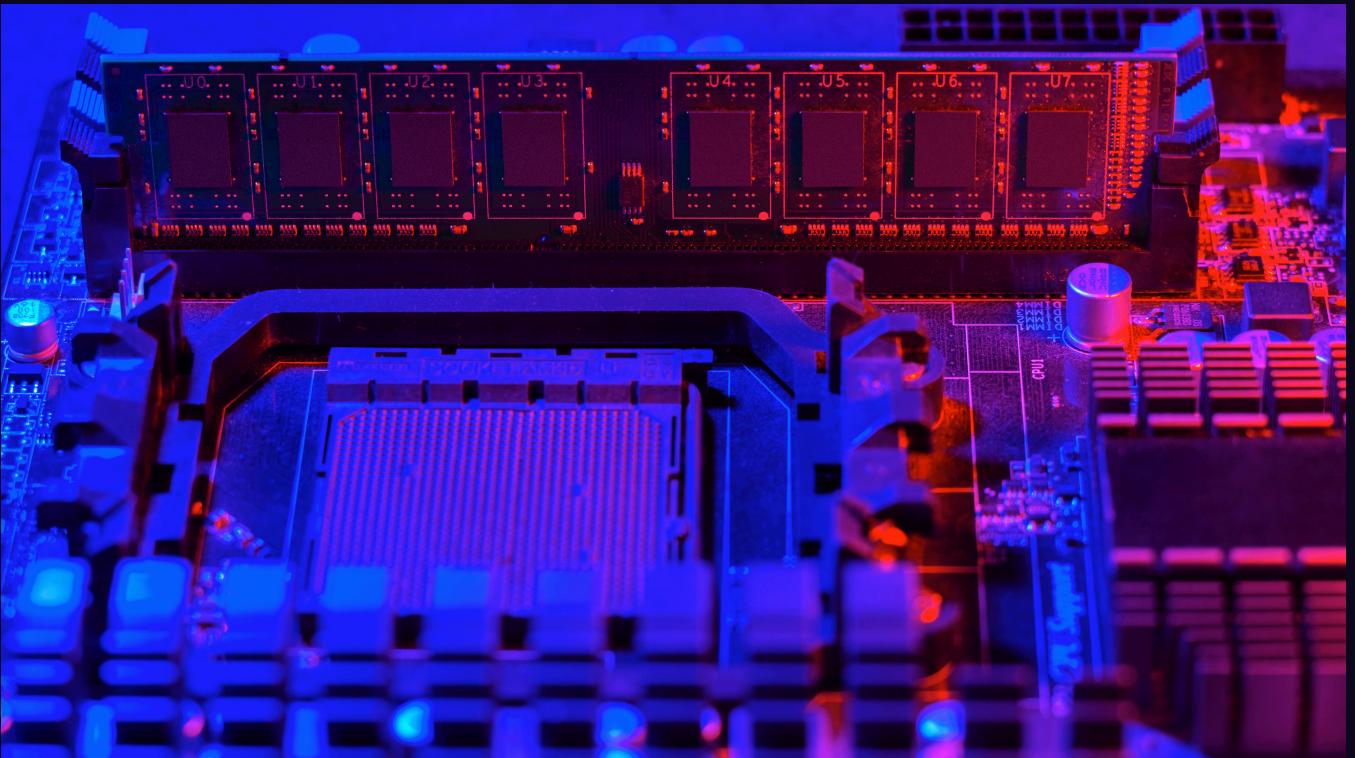
The CPU, or Central Processing Unit, is like the computer's brain. It does all the important thinking and calculations to make the computer work. When you click on something, open a game, or type a letter, the CPU processes that information and tells the other parts of the computer what to do. It's a small chip inside the computer that works super fast to follow instructions and solve problems. Just like how our brains help us think and make decisions, the CPU helps the computer run programs and respond quickly. It's the main part that keeps everything running smoothly!

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RAM

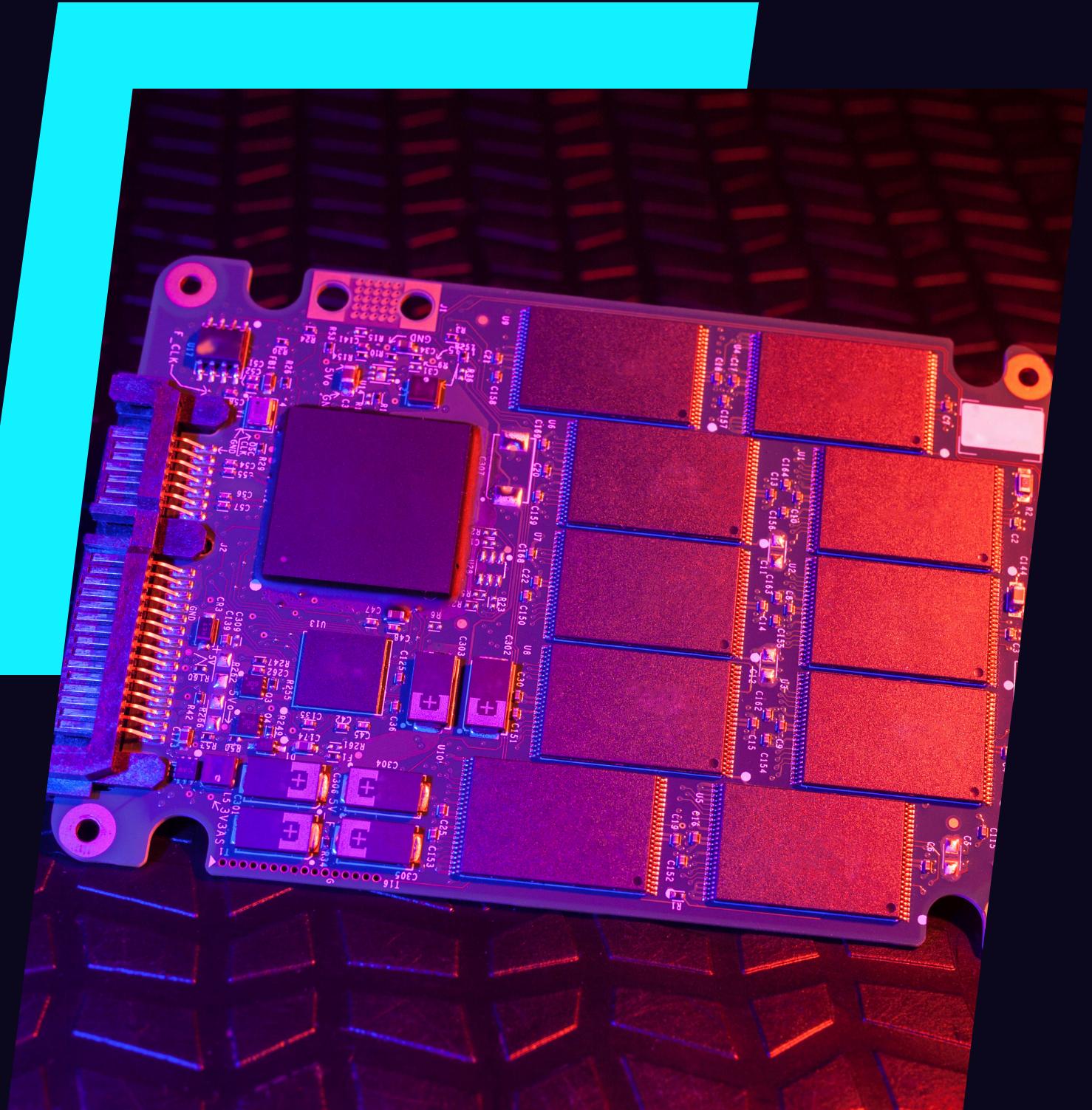
RAM stands for Random Access Memory, and it's like the computer's short-term memory. When you open a program or play a game, RAM helps the computer remember what it's doing right now, so it can work quickly. The more RAM a computer has, the more things it can do at once without slowing down. RAM stores information temporarily, and once you turn off the computer, everything in RAM disappears. It's super fast, so the computer can find things quickly while you're using it. Think of it as the computer's "working space" that helps everything run smoothly while you're using it!



SPEAKER

A speaker is a device that lets you hear sound from your computer. When you play music, watch videos, or listen to sounds from games, the speaker turns those sounds into noise you can hear. It's like a small box that makes the computer's sound louder and clearer. Some computers have built-in speakers, while others need separate ones that you plug in. You can control the volume with buttons or settings to make the sound loud or quiet, depending on what you're listening to. Speakers help bring the audio part of the computer to life!

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STORAGE

Storage is where all your files, pictures, videos, games, and programs are saved on the computer. It's like a big digital drawer that keeps everything organized and ready for you to use whenever you need it. There are two main types of storage:

1. **SSD (Solid State Drive):** This is the faster type of storage. It works like a big flash drive and can quickly store and find your files. Because it has no moving parts, it's faster, quieter, and uses less power than the older HDD. When you turn on your computer, the SSD helps it start up quickly and allows programs and games to load faster. SSDs are becoming the more popular choice for newer computers because they make everything run smoothly and quickly.
2. **HDD (Hard Disk Drive):** This is an older type of storage. Inside an HDD, there's a spinning disk that reads and writes your data. While it's slower than an SSD, it's often cheaper and can store a lot more data. This makes it a good choice if you need a lot of space for things like movies, photos, or big files. However, since it has moving parts, it can be a little louder and take longer to find and load files compared to an SSD.
3. In simple terms, SSDs are faster, quieter, and more modern, while HDDs are slower but give you more storage space at a lower price. If you need lots of space for your files, you might choose an HDD, but if speed and performance are what you need, an SSD is the better option.

THANK YOU

**PIHOO YAGNIK
S SHASHANK REDDY
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PRATIK SUCHAK**