**Introduction to Computer**: Computer Characteristics, Concept of Hardware, Software, Evolution of computer and Generations, Types of Computer – Analog and Digital computers, Hybrid Computers, General Purpose and Special Purpose Computer, Limitations of Computer, Applications of Computer in Various Fields.

**Structure and Working of Computer**: Structure and Working of Computer: Functional Block Diagram of Computer. CPU, ALU, Memory Unit, Bus Structure of Digital Computer – Address, Data and Control Bus.

**Input/output Devices:**

**Input Device:** Keyboard, Voice Recognition Device, Digitizers, Point and draw devices- mouse, joystick, track ball, light pen, Data scanning devices:- image scanner, OCR, OMR, MICR, Bar code reader, card reader

**Output Devices**: Monitor, Printer: - laser printer, dot-matrix printer, ink jet printer, Daisywheel Laser, Line (Chain and Drum), Plotters.

**Computer Memory**: Memory Concept, Memory Cell, Memory Organization, Semi18 8 / 48 conductor Memory – RAM, ROM, PROM, EPROM, Secondary Storage Devices – Magnetic Tape, Magnetic Disk (Floppy Disk and Hard Disk.), Compact Disk.

**Computer Language and Software**: Algorithm, Flowcharts, Machine Language, Assembly Language, High Level Language, Assembler, Compiler, Interpreter. Characteristics of Good Language. Software – System and Application Software

**Computer Communication and Networks**: Basic of Computer Networks (LAN, MAN, WAN), InternetConcept of Internet, Applications of Internet, Connecting to the Internet, Troubleshooting, World Wide Web (WWW), Web Browsing Software, Search Engines- Popular Search Engines / Search for content, Accessing Web Browser, Downloading Web Pages, Printing Web Pages, Understanding URL, Surfing the web.

**Basics of E-mail**- What is an Electronic Mail, Email Addressing, Using E-mails and Opening Email Account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail, Replying to an E-mail Message, Forwarding an E-mail message, sorting and searching emails, Document collaboration, Instant Messaging and Collaboration, Using Instant messaging, instant messaging providers Netiquettes

**What are the Characteristics of Computer?**

As we all know that today the computer has become a part of our life.

We are surrounded by computers as we use computers in our school, at home, in the office and even in our daily lives.

Today the computer has made our life very easy.

So today I will describe the computer characteristics.

Computers have many properties that make the computer different from other electronic devices.  
  
Today we will discuss the Characteristics & Features of computers.

## ****10 Characteristics & Features of Computer****

The Main 10 + important characteristics &**Features of computer system** is the following below.

* Speed
* Accuracy
* Diligence
* Reliability
* Versatility
* Storage Capacity
* Automatic
* Quick Decision
* Multitasking
* No Feeling
* Power of Remembering
* No IQ

### **1. Speed of Computer**

* Computers are much faster to perform mathematical calculations than human.
* The computer is capable of performing millions of tasks per second. Computer speed is also known as the [computer's clock speed](https://kb.iu.edu/d/aekt).
* It takes an hour or a day for a person to do a mathematical calculation or any work, to do the same calculation or work to a computer do in microseconds or nanoseconds.
* This means that while it takes some time for humans to do a small calculation, a computer can do millions of additions, subtractions, multiplications, divisions in the same amount of time.
* The computer is so fast that it can do work in the blink of an eye. Let us understand this through an example.
* The song plays as you instruct the computer to play the song. As soon as you give the instruction, the computer completes that instruction at full speed.

### **2. Accuracy of Computer**

* A computer is very accurate. It does not make any kind of mistake in calculating. Sometimes we get some error but these are because of the mistake performed by us.
* The Accuracy of the computer is constantly high and it can perform hundred of operation with the carry-out calculation and analysis accurately and speedily.
* It is also a feature of the computer that the computer completes any work with absolute accuracy, this means that any instruction received from the user is done by the computer with full accuracy and speed.
* A computer never gives us wrong results under any circumstances. You can absolutely trust the output of the computer.

### **3. Diligence of Computer**

* Diligence means that the computer is capable of doing any work for a long time without getting tired and getting stops.
* This is also one of the special features of the computer. Let us understand it in detail.
* A person gets tired of doing some work in a few hours and a computer has the ability to do any work continuously for many hours, days, months.
* Even after the computer has worked for such a long time, there is no decrease in its ability to work and the accuracy of the result.
* The computer does work without any discrimination. A computer is free from monetary and tiredness.
* Even if the computer does any work for weeks in a row, then the computer will do that work with the same speed and accuracy.
* No matter how long the computer works, but it never gets boring.

### **4. Reliability of Computer**

* Reliability is a very big **characteristics & feature of computer system**. Today almost all the big industries or big e-Commerce companies like Amazon and Flipkart, and big search engine companies like - [Google](https://quicklearncomputer.com/is-google-a-search-engine/) and [Bing](https://quicklearncomputer.com/is-bing-a-search-engine/), all these companies are dependent on computers.
* Today every major industry and companies in the world have full confidence in their computers, and their entire business is running from computers.
* Today the work of all companies is being done through computers. These companies store all their data in the computer, the data of these companies are many types of data such as the amount to be paid, the date of payment and many other types of data, which will be used in future when the time comes for that data use.
* Data place to another place is transported through a computer in a very short time.
* The computer does all its work very honestly. Night or day, the computer continues its work without being tired. Today this is the reason why big e-commerce companies and industries blindly trust computers.

### **5. Versatility of Computer**

* Versatility means that the computer is capable of doing any kind of work. Let us understand computer Versatility in detail.
* It means The computer is capable of performing any type of instruction given by the user, such as playing videos, downloading, running the Internet, the computer is capable of doing all these instructions.
* Versatility is the also properties of a computer. Its means is that the computer is capable of working in almost every field.
* Today computers are being used almost everywhere like schools, colleges, hospitals, offices, railway stations, hotels etc.
* A computer system is multitasking so that you can do two tasks very easily at the same time

### **6. Storage Capacity of Computer**

* Computer systems have a very large capacity to store any type of data. A computer can store and resell any information due to its [storage capacity](https://www.techopedia.com/definition/5562/storage-capacity).
* Computers have the ability to store all types of data such as data, pictures, files, programs, games, and sound for many years and later we can get any data in a few seconds at any time for taking that information and for future retrieval.
* Computer storage is also called permanent storage because once in this store any data means - file, folder, text data, video, image is stored, then that data is stored for life, and when As long as you do not delete any data, the data is saved in your computer's storage.
* This storage unit is present in every computer system. The storage device is also called the main part of the computer.

### **7. Automatic**

* Automation is also a special feature of computers.
* A computer is an automatic machine because once started on a job they carry on until the job is finished without any human assistance.
* Let us understand this with an example, suppose you have to copy 100 or 200 files of your computer in Pen drive.
* As soon as you gave the computer the instruction to copy all the files, then the computer starts copying all your 100 or 200 files to the Pen drive, then you do not need to give instructions to copy every file again and again.
* This whole process of a computer is called automation.

### **8. Quick Decision**

* The computer takes the decision very quickly, given by the user which is the instruction arithmetic data or logic data.
* All Mathematical data is called arithmetic data.
* Copy Document, Delete file, open camera etc this type of data is called Logical data.
* A quick decision is also one of the most important characteristics of the computer system because as soon as you give instructions to the computer, the computer starts executing the instruction.
* Due to this property of the computer system, the computer immediately takes the design and immediately executes the instructions of the user.

### **9. Multitasking**

* [Multitasking](https://en.wikipedia.org/wiki/Computer_multitasking) is also a very special feature of computers. A user can do different types of tasks on the computer at the same time.
* Like we are using [MS Word](https://quicklearncomputer.com/full-form-of-ms-word-what-is-ms-word-features/) in computer as well as listening to songs and also getting printouts.
* We can do a lot of work at the same time.
* Multitasking is also one of the very important properties of a computer system because the computer system is the only electronic device that provides its user with the opportunity to do many things at the same time.
* Or you can also say in simple language that the computer system is designed in such a way that a user can do many things in the computer system at the same time.
* The multitasking of the computer system saves a lot of time for the user because the user can do much of his work at the same time.

### **10. No Feeling**

* In computers, like humans, there is no feeling and emotion, nor does the computer have any knowledge and experience, because a computer is a machine which works continuously on the instruction of humans without any selfishness and without tiredness.
* No Feel is also one of the important qualities of a computer system, because the computer is not a human being that has feelings.
* Just imagine, if the computer system had the feeling, then the computer would not execute any instruction of the user. Due to this gun of computer, we can get any work done with a computer. And we can use the computer anytime day or night.
* No matter how much work you do with the computer system, the computer system will never tell you that now I am tired, now I will not work.

### **11. Power of Remembering**

* Power of remembering is also very special Characteristics of the computer.
* You can store many types of information and data on your computer in very large quantities. Whenever you need this data in future, you can get that data in a few seconds matter why.
* You can get the data even after a long time. It depends on you, after how long or after how many years you need the data.
* Power of Remembering This is also a very important quality of a computer system because the computer system has the power to store any data or information as long as we want.
* In the future, when that data or information is needed, the computer system very easily recalls that data or information. It depends on a computer user how much data he wants to store in the computer system.
* And it also depends on the computer user for how long he wants to store that data in the computer system. If the user does not need that data in the future, then the user can also delete that data.

### **12. No IQ**

* A computer is a dumb machine, without a user, a computer is a useless machine and device.
* Until a user does not give any instruction, it cannot do any work and only after completing the instruction, he completes that work very fast.
* A computer system is completely dependent on us humans how to work.
* For an example, if you want to multiply two numbers, then writing such 3 & 3, the computer will not give us any result, unless we instruct 3 \* 3 =, the computer multiplies that number and gives the result. So a computer cannot make its own decision.

## ****Conclusion****

There is more than one property of a computer system, which we have described in this article.  
  
Today computers can do everything that humans cannot. Although we humans have made the computer system, today computer works many times faster than humans.  
  
Due to the multiplicity of computer systems, today computers are being used in every field.  
  
I hope you understand the characteristics of computers.

## ****FAQ Related to Computer Characteristics****

#### **Write any five characteristics of a computer.**

5 characteristics of a computer are given below.

1. Speed
2. Accuracy
3. Diligence
4. Reliability
5. Versatility

#### **Which of the following important characteristics of computer.**

Important characteristics of computer according to my knowledge are given below.

* Speed
* Accuracy
* Storage Capacity
* Multitasking
* No felling

#### **How Many Characteristics of Computer are there?**

#### There are different characteristics of a computer is the following below.

Speed, Accuracy, Diligence, Reliability, Versatility, Storage, Capacity, Automatic, Quick Decision, Multitasking, Power of Remembering. These all are important computer characteristics.

#### **What is Computer?**

A computer is a programming machine, and a computer is a machine that works on a given instruction of a user.

#### **What are the limitations of Computer?**

There are many [limitations of a computer](https://quicklearncomputer.com/what-are-the-limitations-of-computer/)system is following below.

 Lack of common-sense

 Zero IQ

 No Feeling

 Computers can’t Decide

 Computers can’t Express their Ideas

 Computers can’t Implement

#### **What are the uses of computer?**

Uses of computer in different fields.

 Science & Research

 Business

  Bank

 Home

 Education

#### **What are the 7 characteristics of a computer?**

There are 7 characteristics of computer computer system, which are given below.

1. Speed
2. Accuracy
3. Diligence
4. Reliability
5. Versatility
6. Storage Capacity
7. Automatic

#### **What is the main characteristics of a computer?**

The main characteristics of a computer system is **Speed and Accuracy**.

#### **What are the ten characteristics of computer?**

The 10 [characteristics of computer](https://www.quora.com/What-is-a-computer-What-are-the-characteristics-and-limitations-of-computers) is given below.

1. Speed
2. Accuracy
3. Diligence
4. Reliability
5. Versatility
6. Storage Capacity
7. Automatic
8. Quick Decision
9. Multitasking
10. No Feeling

#### **Which is not the characteristics of computer?**

The Computer system **cannot think** is not the characteristics of computer.