

COMMUNICATION
MODERN SERVER CONNECT COMPUTER JOB TECH MALE
IDEA BUSINESS CONNECTION
INFORMATION
TECHNOLOGY
INTERNET NETWORK SYSTEM
CONCEPT DISPLAY BUTTON SCIENCE PEOPLE COMPUTING PERSON SCREEN WEB DIGITAL SERVICE
BUSINESSMAN MAN WORLD MEDIA CABLE SECURITY SOCIAL
WORK DESIGN
LAPTOP GLOBAL HARDWARE

What is Information Technology (IT)?

KEY WORDS

store: almacenar

retrieve: recuperar

transmit: transmitir

manipulate: manipular

peripheral equipment:
equipos periféricos

IT is the use of computers to store, retrieve, transmit and manipulate data or information.

It is generally a computer system, including hardware, software and peripheral equipment.

What is Information Technology (IT)?

KEY WORDS

design: diseño

development: desarrollo

support: sostén

management: manejo

ensure: asegurar

It is the study, design, development, implementation, support or management of computer-based information systems - particularly software applications and computer hardware.

IT workers help ensure that computers work well for people.

Computer Hardware

It includes any **physical device** or equipment used in or with a computer system (anything you can see and touch).



External hardware devices (peripherals) – any hardware device that is located **outside** the computer:

Input device – devices used to **enter** information to a computer for processing.

Output device – devices that **receive** information from a computer.

Internal hardware devices: – any piece of hardware device that is located **inside** the computer.

Computer parts



computer



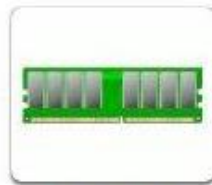
monitor



case



motherboard



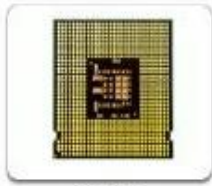
memory



mouse



speakers



CPU



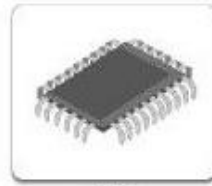
key



keyboard



cable



chip



DVD



flash drive



hard drive



headphones



joystick



laptop



microphone



modem



tablet



webcam

External hardware (peripherals)

INPUT DEVICES



KEYBOARD



MOUSE



JOYSTICK



SCANNER



WEB CAMERA



MICROPHONE

OUTPUT DEVICES



MONITOR



PRINTER



SPEAKER



HEADPHONE



PROJECTOR



CPU

HDD/SSD



RAM

ROM



INTERNAL HARDWARE



MOTHERBOARD

VIDEO CARD



SOUND CARD



Internal Hardware

- CPU** central processing unit
- HDD** hard drive disk
- SDD** solid state drive
- RAM** random access memory
- ROM** read-only memory

Computer Software



- It is a set of **instructions or programs** that tells a computer what to do or how to perform a specific task.
- It is **digital programs** running on the hardware.
- It is the **computer logic** users interact with.
- Written in **programming languages** (Java, C, C++, Perl, etc.).

Types of software



System Software



Application Software

System software: it is designed to provide a platform for other software.

Application Software : it provides users with tools to accomplish a specific task.