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COMPUTERS

“Computers are like Old Testament gods; lots of rules and no mercy.”



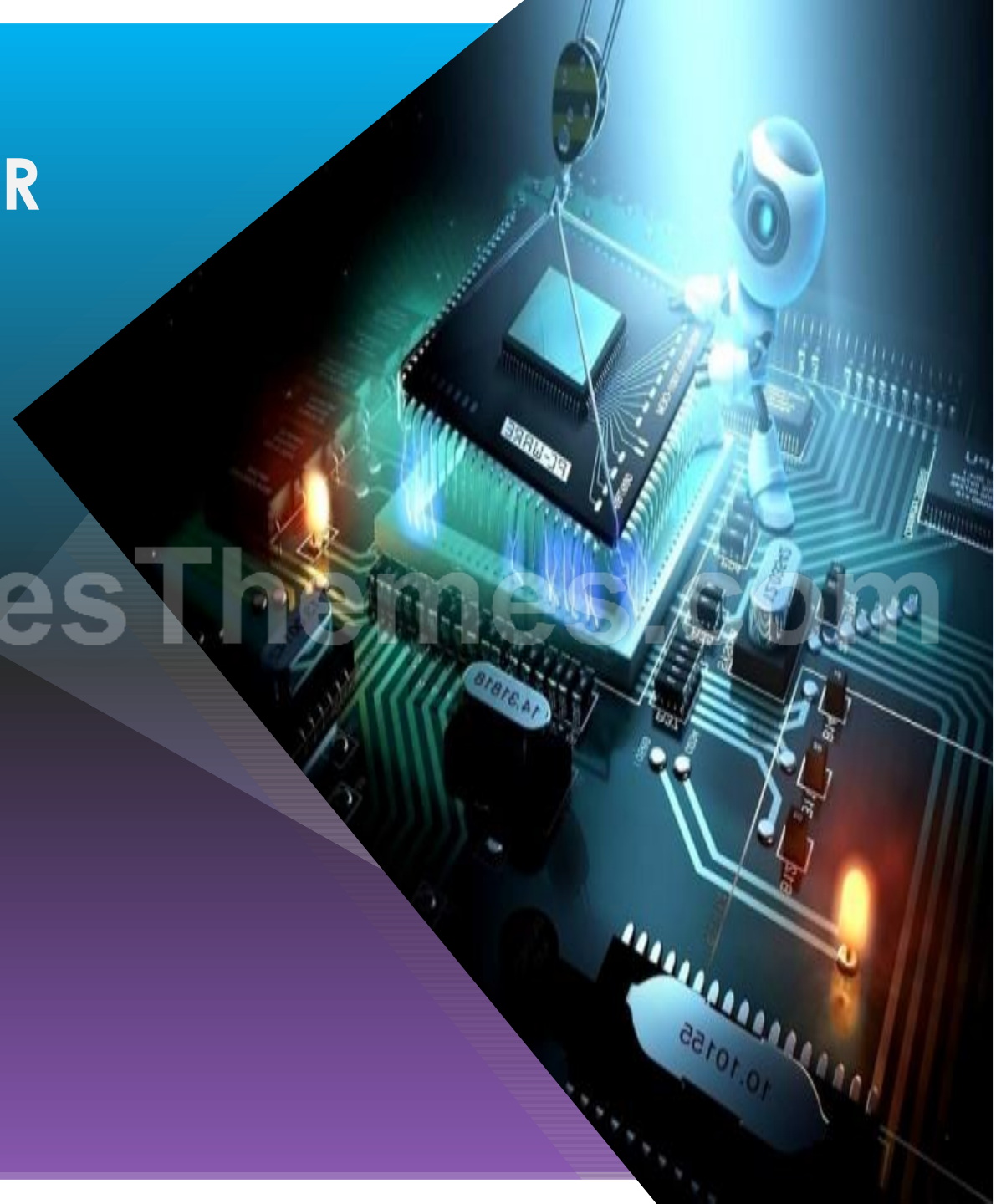
WHAT IS A COMPUTER?

A computer is an electronic device, operating under the control of instructions stored in its own memory.



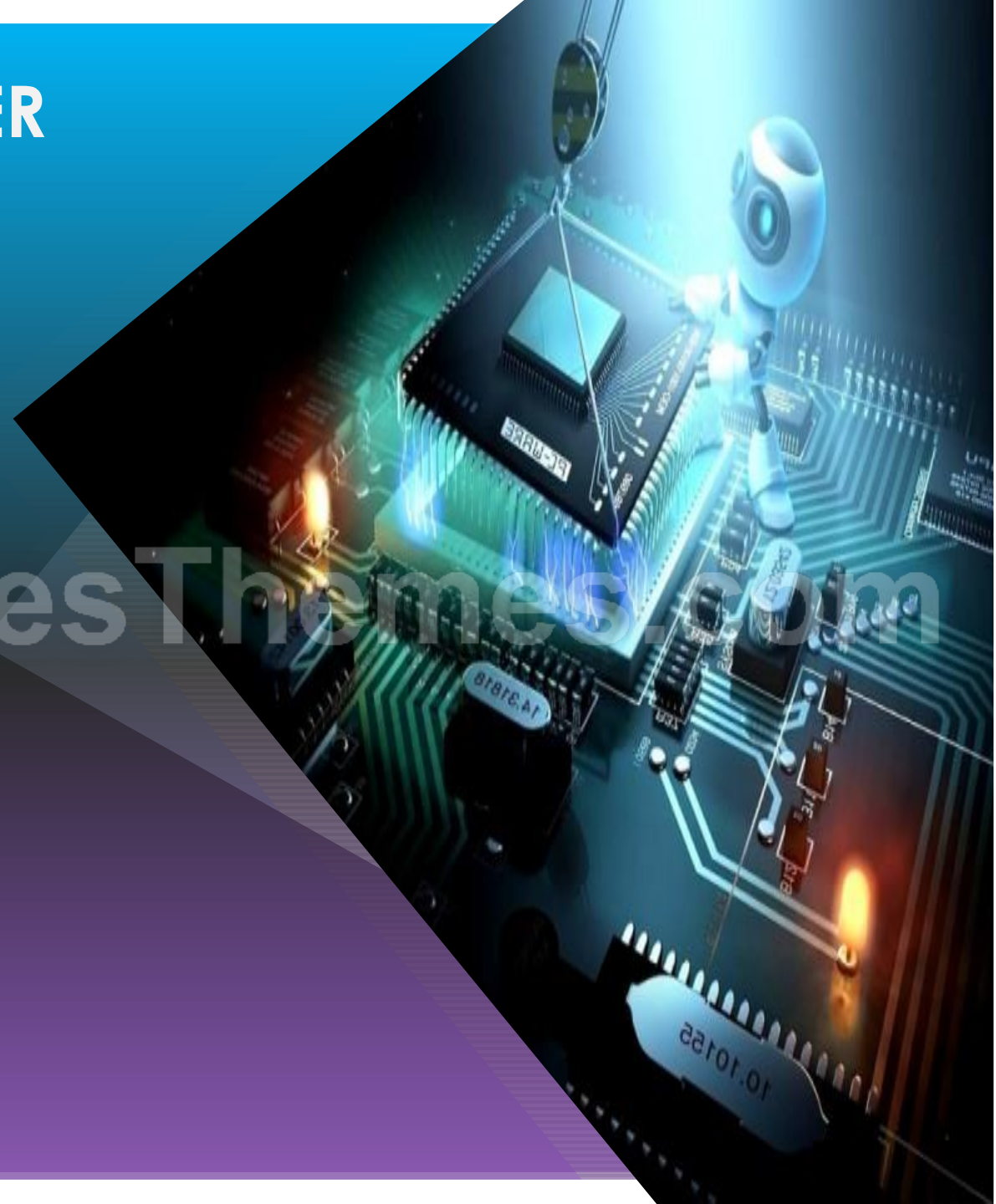
CHARACTERISTICS OF COMPUTER

1. **Speed:** Computer is very fast and accurate device.
2. **Accuracy:** Computer results are highly accurate.
3. **Memory:** Computers have a large amount of memory to hold a very large amount of data or information.



CHARACTERISTICS OF COMPUTER

- 4. Diligence:** Computer is free from problems like lack of concentration and confusions & tiredness.
- 5. Versatility:** We can perform different types of tasks on computer.
- 6. Power of Remembrance:** Unlike humans, computer can store things for unlimited period of time.



THE COMPONENTS OF A COMPUTER

POWER OF CREATIVITY

Input Device: Allows you to enter data and instructions into a computer.

Output Device: Hardware component that conveys information to one or more people.

System Unit: Case that contains the electronic components of the computer that are used to process data.

Storage Device: Holds data, instructions, and information for future use.

Communications Device: Enables a computer to send and receive data, instructions, and information to and from one or more computers or mobile devices

ADVANTAGES

- Speed
- Reliability
- Consistency
- Storage
- Communications

DISADVANTAGES

- Health Risks
- Violation of Privacy
- Public Safety
- Impact on Labor Force
- Impact on Environment

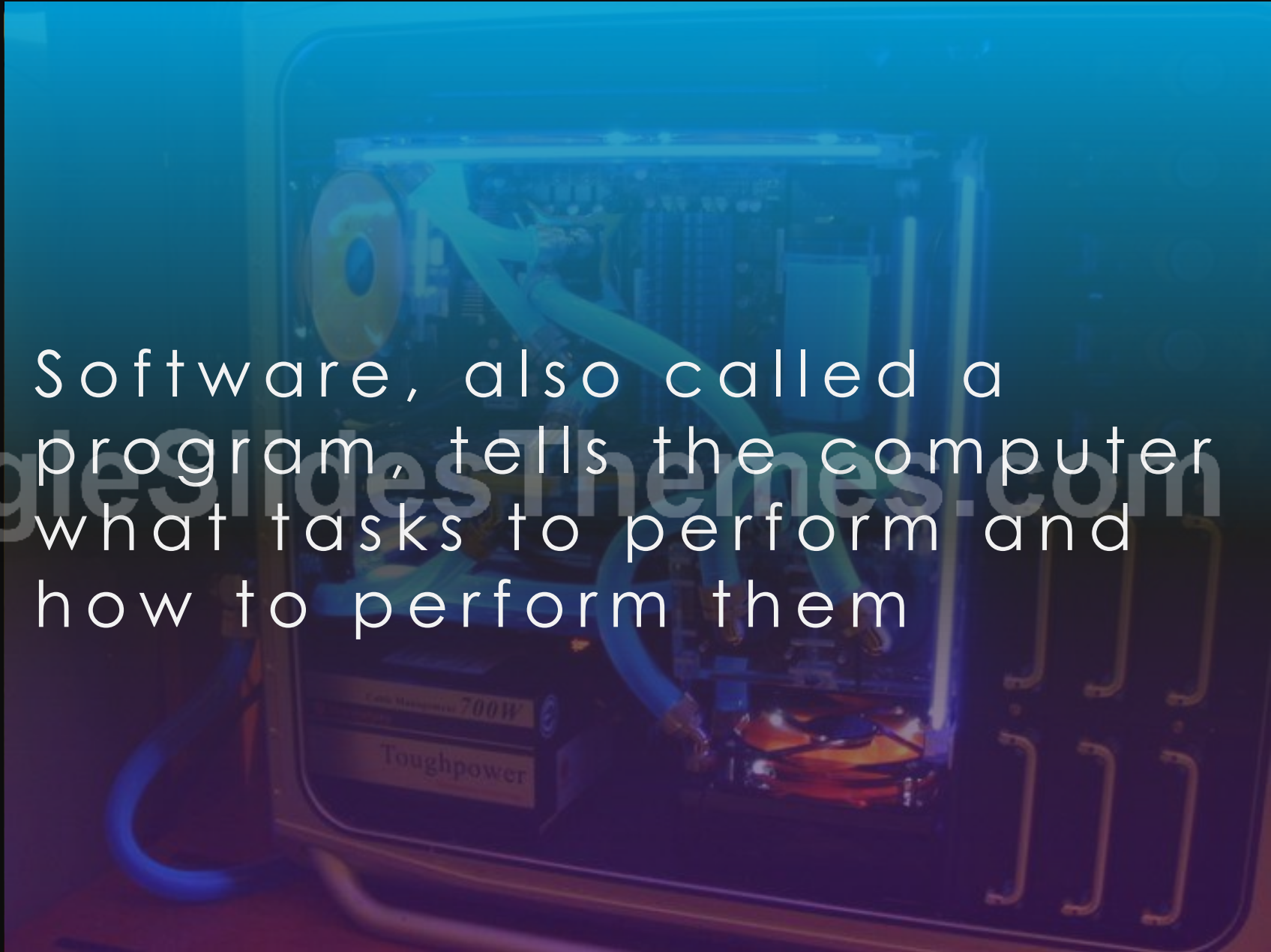
NETWORKS AND THE INTERNET

A **network** is a collection of computers and devices connected together, often wirelessly, via communications devices and transmission media

COMPUTER SOFTWARE

Desktop or web app

Software, also called a program, tells the computer what tasks to perform and how to perform them



CATEGORIES OF COMPUTERS

Personal Computer

Mobile Computers and mobile devices

Game consoles

Servers

Mainframes

Supercomputers

Embedded computers

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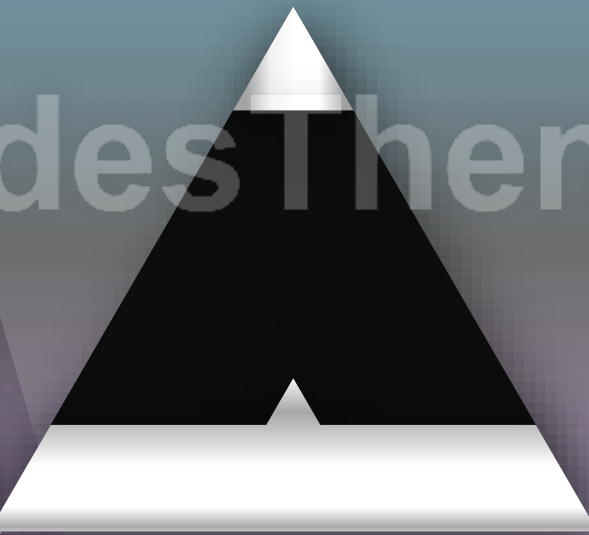
COMPUTER APPLICATIONS IN SOCIETY



Science



Publishing



Travel



Manufacturing

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