

# *Computer Glossary*

## *“P” Alphabet*





## ***Packet***

*A unit of data sent over a network. It contains the sender's and receiver's IP addresses, data, and error-checking information.*

## ***Packet Switching***

*A method of transferring data by breaking it into packets. Each packet may take a different route to its destination and is reassembled there.*



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## ***Parallel Processing***

***The ability of a computer to carry out multiple operations or tasks simultaneously.***

## ***Password***

***A secret string of characters used to authenticate a user's identity on a computer or network.***



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## ***Patch***

*A software update or fix designed to address bugs, improve functionality, or enhance security.*

## ***Peripheral***

*An external device attached to a computer, such as a mouse, keyboard, or printer.*



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## *Phishing*

*A method used by cybercriminals to trick users into revealing personal information, such as passwords or credit card numbers, by pretending to be a legitimate source.*

## *Ping*

*A utility used to test the connectivity between two devices on a network by sending a small amount of data and waiting for a response.*



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## *Pixel*

*The smallest unit of a digital image or graphic that can be displayed and edited on a computer screen.*

## *Port*

*A physical or virtual connection point where data is transferred in and out of a computer system. Examples include USB ports and network ports (e.g., Port 80 for HTTP).*



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## **Processor (CPU)**

*The central processing unit, responsible for executing instructions in a computer program.*

## **Protocol**

*A set of rules that define how data is transmitted and received over a network, such as HTTP (Hypertext Transfer Protocol) or FTP (File Transfer Protocol).*



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## Proxy Server

*A server that acts as an intermediary between a user's device and the internet, often used to improve security, privacy, or access control.*

## Python

*A high-level programming language known for its readability and simplicity, widely used in web development, automation, and data science.*



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