



Computer Glossary

“V” Alphabet



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Virtualization

The creation of a virtual version of something, such as hardware, storage, or network resources.

Vector Processor

A type of CPU design optimized for performing mathematical operations on vectors, often used in scientific computing.



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Vendor Lock-In

A situation where a customer is dependent on a vendor for products or services and cannot easily switch to another vendor.

Voice Recognition

A technology that can recognize and process human speech for input into a computer system (e.g. Google Assistant).



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Version Control

A system that manages changes to documents, code, or other information over time, such as Git.

VLAN (Virtual Local Area Network)

A logical group of devices on one or more LANs that can communicate as if they were on the same physical network.



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VR (Virtual Reality)

A simulated experience that can be similar to or completely different from the real world, typically using a headset.

VPN (Virtual Private Network)

A service that allows users to create a secure connection to another network over the internet, often used for privacy and security.



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Virtual Machine (VM)



A software emulation of a physical machine

VNC (Virtual Network Computing)



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Virtual Memory

A system that manages changes to documents, code, or other information over time, such as Git.

Video Card

A hardware component responsible for rendering images and video to the display.



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Volatile Memory

A type of computer memory that requires power to maintain stored data (e.g., RAM).

Viewport

The visible portion of a webpage or document within a web browser or graphical interface.



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Virus

A type of malicious software that can replicate itself and spread to other computers, causing damage or stealing data.

VoIP (Voice over Internet Protocol)

A technology that allows voice communication over the internet (e.g., Skype, Zoom).



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Visualization

The process of representing data graphically, often used in data analysis.

VPS (Virtual Private Server)

A virtualized server that acts as a dedicated server but is hosted on a physical machine shared by multiple users.



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Video RAM (VRAM)

A type of memory used by graphics cards to store image data that the computer displays.

Vector Graphics

Images created using paths or vectors rather than pixels, allowing for scalability without loss of quality (e.g., SVG files).



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