

Computer Glossary

"O" Alphabet





OLAP (Online Analytical Processing)

A technology used for the rapid analysis of data in a multidimensional format, typically for business intelligence.

OAuth (Open Authorization)

A protocol used for token-based authentication and authorization on the web.

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Operating System (OS)

Software that manages hardware and software resources on a computer.

Overclocking

Increasing the clock speed of a computer's CPU or GPU beyond the manufacturer's specifications for better performance.

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Object-Oriented Programming (OOP)

A programming paradigm based on objects containing data and code, such as Python, Java, and C++.

Onboard Graphics

Integrated graphics processing hardware built directly into the computer's motherboard or CPU.

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OpenGL (Open Graphics Library)

A cross-language, cross-platform API used for rendering 2D and 3D vector graphics.

Object Code

The output of a compiler that is executable but is not in human-readable form.

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Opcode (Operation Code)

The portion of a machine language instruction that specifies the operation to be performed.

Open Source

Software with source code that can be freely modified and distributed.

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OCR (Optical Character Recognition)

A technology that converts different types of documents, such as scanned paper documents or images, into editable and searchable data.

Octet

A group of 8 bits, commonly used in networking to refer to a byte.

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Optical Fiber

A medium for transmitting data as light signals, commonly used in high-speed internet connections.

Output Device

A hardware device that outputs data from a computer, such as a monitor, printer, or speakers.

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