Computer Glossary

"Q" Alphabet

QoS (Quality of Service)

A networking technology that manages data traffic to reduce packet loss, latency, and jitter on the network.

QWERTY

The standard keyboard layout used for English-language keyboards, named after the first six letters on the top row of letters.

QR Code (Quick Response Code)

A machine-readable code that consists of black and white squares, typically used to store URLs or other information and can be scanned by a camera or smartphone.

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Query

A request for information or data from a database, usually written in a specific language such as SQL (Structured Query Language).

Queue

A data structure or process where elements are kept in order and processed one by one, typically following a First-In-First-Out (FIFO) system.

QuickTime

In cybersecurity, a method to isolate suspicious or infected files to prevent them from harming the system.

Quantum Computing

A type of computing that leverages the principles of quantum mechanics to perform calculations at speeds unimaginable by classical computers.

Quicksort

A popular and efficient sorting algorithm that uses a divide-and-conquer approach to order elements in a list.

Quad-core

A type of CPU or processor with four
independent units (cores) that read
and execute tasks.

Quarantine

In cybersecurity, a method to isolate suspicious or infected files to prevent them from harming the system.