Input and Output Systems

1 Overview

Input and Output (I/O) systems manage communication between a computer and external devices such as keyboards, displays, storage devices, and networks.

2 I/O Devices

Input devices provide data to the system, while output devices present processed information to users.

3 I/O Techniques

Common techniques include programmed I/O, interrupt-driven I/O, and direct memory access (DMA).

4 Importance

Efficient I/O systems are critical for overall system performance and responsiveness.