Operating System Architecture

There are different categories for designing a computer operating system according to the number of processors used.

A multiprocessor system contains two or more processors that share resources, like, bus, clock, physical memory and peripheral devices. It has several advantages, like, economy of scale and reliability can be increased.

Another type we see is called Clustered system, where multiple computer systems are connected by a local area network. This type of operating system must be supported by network and network management services.