

Introduction to Computer Networking

★ Physical component

- End point (Computers)
- Interconnections (NICs)
- Switches (Connects end points)
- Router (Connects networks)
- Wireless access point

Port

- It is a communication endpoint.
- At the Software level, within an operating system, a port is a logical construct that identifies a specific process or a type of network service.
- 16 bit unsigned number.

⇒ First 1024 port numbers identify the historically most commonly used service and are called **well-known port numbers**.

⇒ Higher numbered ports are available for general use by applications and are known as **ephemeral ports**.