

How a LAN Works.

Published by Camboard Publishing

Camboard Publishing
Cambridge. Great Britain.

www.camboard-publishing.com

Age range 11+

Camboard

How a LAN Works is a full color illustrated guide to the world of local area networks.

This book is designed for students who want to know the basics of how networks work.

How a LAN Works explores the underlying concepts of how networks function.

Combines excellent full color graphics that brings the inside of a network to life.

Introduces the three main network types, star networks, bus networks and ring networks.

Describes the differences between local area networks (LAN) and wide area networks (WAN).

Covers network security with user names and passwords.

Access rights are described.

The network firewall is covered.

Describes data packets and ports.

The TCP/IP protocols are detailed.

Client Server is described.

This full-color, fully illustrated guide to the world of local area networks is ideal for computer science.

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Chapter 1

Introduction.

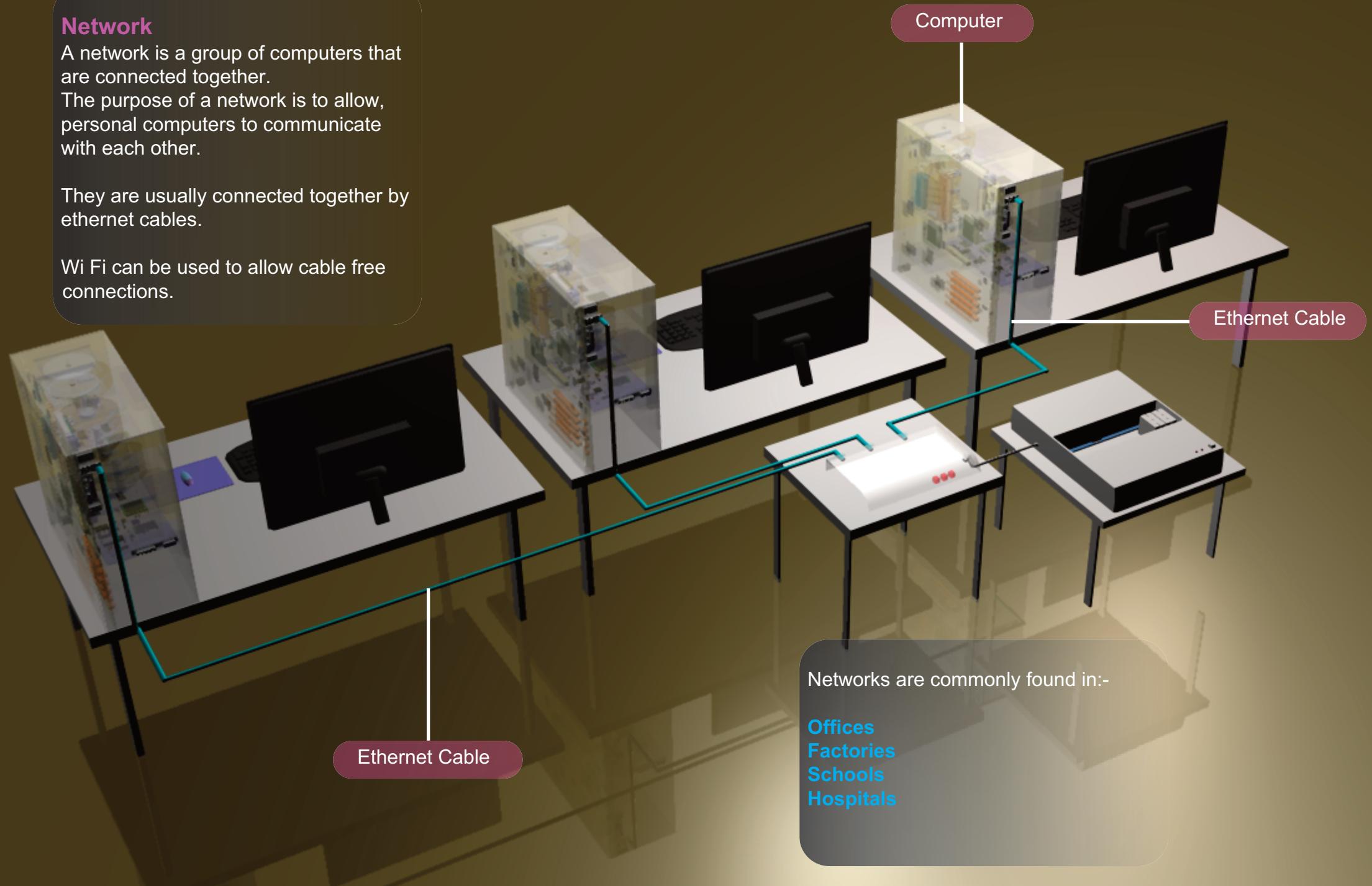
Network

A network is a group of computers that are connected together.

The purpose of a network is to allow personal computers to communicate with each other.

They are usually connected together by ethernet cables.

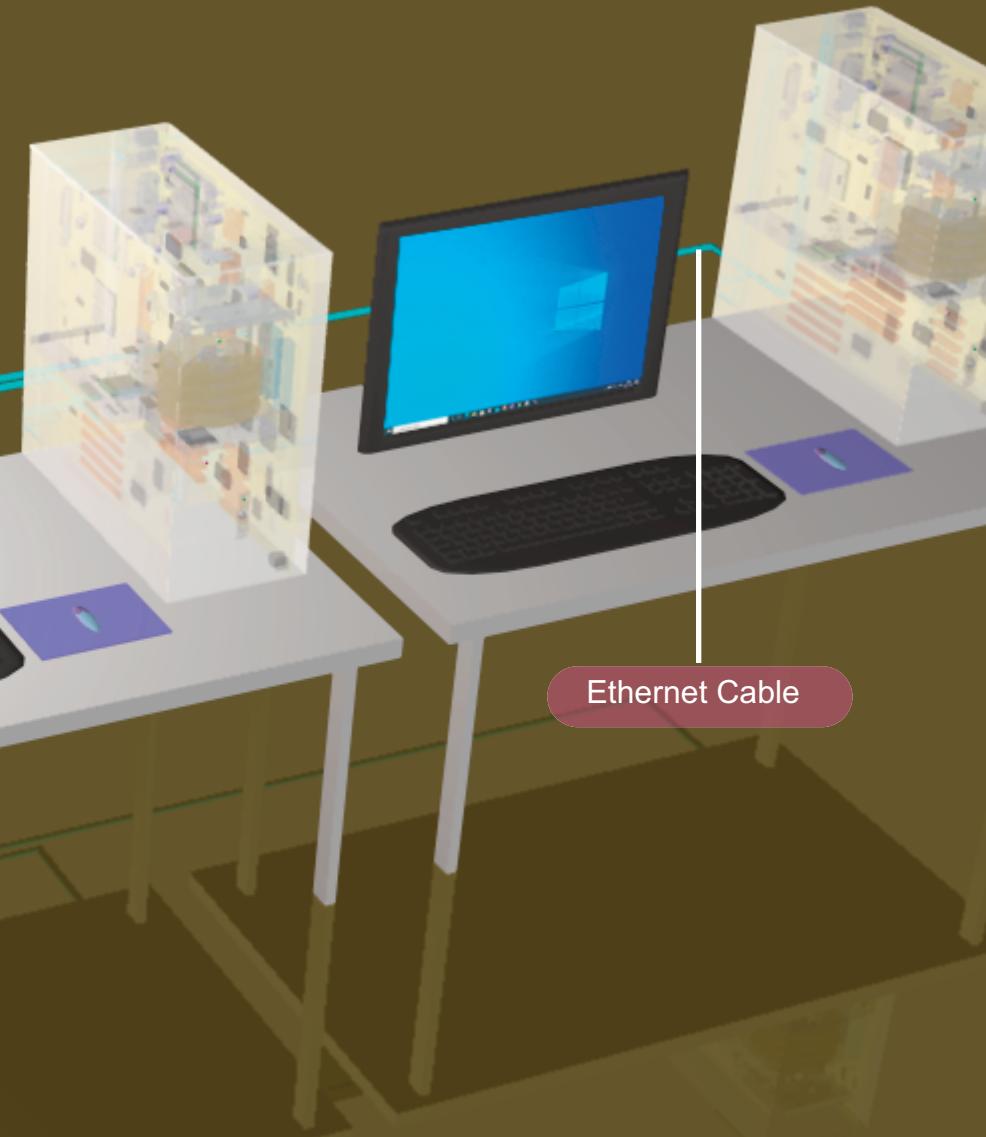
Wi Fi can be used to allow cable free connections.



LAN

A Local area network (LAN) is one that is contained on site, i.e. in an office building or in a school.

A LAN is considered to a network of computers that are connected together on one site, i.e in the same building.



All the personal computers are connected together, using flexible ethernet cables.

