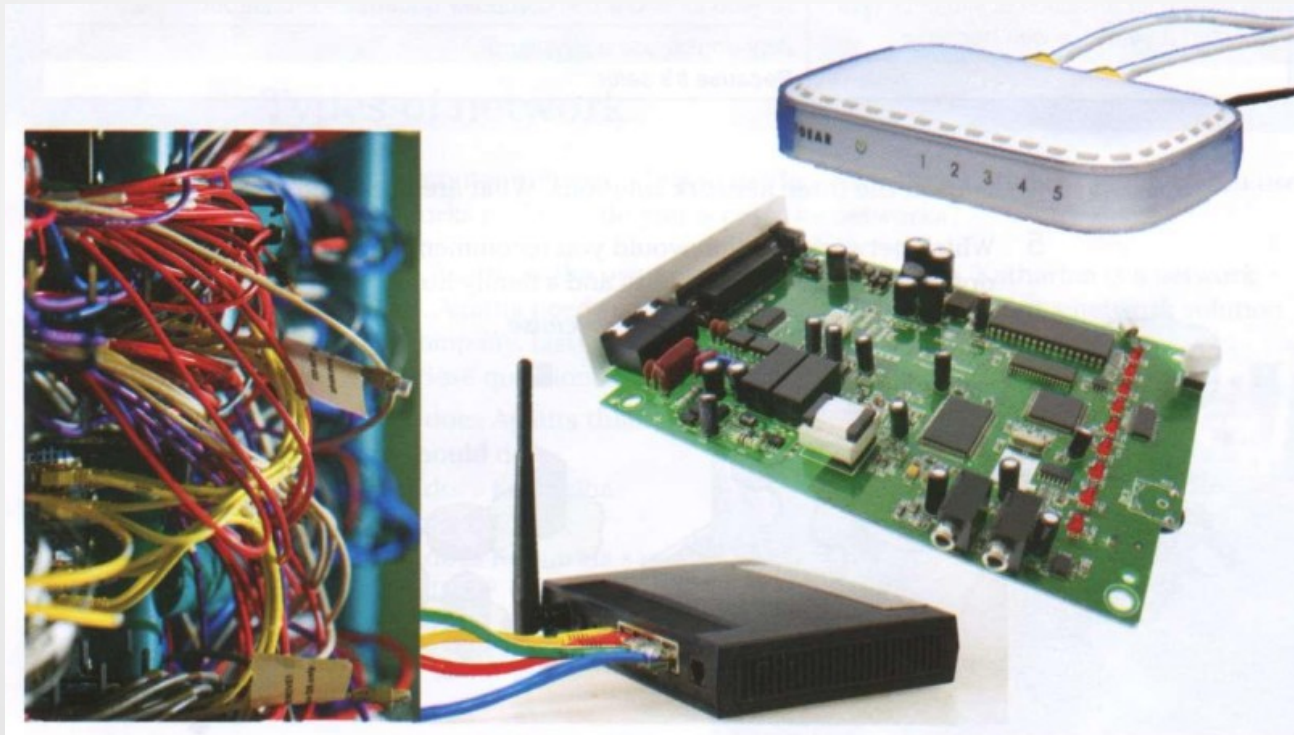# Ch 10. Network

Section 2. Networking hardware

Learning objectives

- Develop vocabulary to talk about hardware used in networks.

- Explain types of network hardware and its uses in the network systems.

- Make suggestions using the suitable expression.

Act. 1: Speaking

Speaking spontaneously

- Any volunteer to talk about the following items?

- Make a list of all the networking hardware you can think of

Act. 2: Vocaulary

- Match each hardware with its use

1	a modem	a)	is an entrance to another network
2	a repeater	b)	channels incoming data but maintains the bandwidth speed
3	a bridge	c)	allows wireless devices to connect to the network
4	a router	d)	modulates and demodulates the data into a digital or an analog signal
5	a gateway	e)	channels incoming data but shares the bandwidth among the devices present on a network
6	a switch	f)	sends the digital signal further on in the network
7	a hub	g)	connects networks and sends packages of data between them
8	a wireless access point	h)	connects networks that use the same protocol

Act. 3: Reading & listening

- Complete the missing words in this dialogue
- Listen to <u>Recording 6.36</u>

| about | change | devices | necessary | problem |
| speed | should | user | What | |

Boris: I have a problem with the network download (1) _____ . What can you suggest?

Ahsan: Why don't you (2) _____ the hub?

Boris: I don't think that will work. The hub is fine.

Ahsan: OK. How (3) _____ adding a repeater then?

Boris: Hmm, I'm not sure it will help. It's not a (4) _____ with the signal strength.

Ahsan: OK, then you should check the cables and network (5) _____ to make sure that they are compatible with your network.

Boris: (6) _____ about changing the modem?

Ahsan: I don't think it's (7) _____ . I think it's a problem with the bridge, switch or the router. You (8) _____ look at the specifications.

Boris: OK, I will. Thanks for your help.

Ahsan: Why don't you check (9) _____ recommendations on the Internet as well?

Boris: Good idea. I'll do that.

Act. 4: Grammar

Making suggestions
We can make suggestions with:

Why don't we/you + infinitive without *to*.	**Why don't you call** the IT help desk? *That's a good idea.*
What about + -ing	**What about buying** a new router? *I don't think that will work.*
How about + -ing	**How about reading** the instructions first? *I'll do that.*

- <u>Complete the missing words</u>

between   on   over   to   with

1 Is this software compatible _____ this computer?
2 A LAN connects devices _____ a small area.
3 Is the computer connected _____ the modem?
4 The LAN allows you to share information _____ users.
5 Why don't you look _____ the Internet?

Act. 5: Group discussion

- Work in a group of 3

- Discuss the following:

What problems do you have with networks?

Make a list, for instance related to the *speed*, *compatibility*, *hardware*, and *software*

- Explain the result of your discussion to the other students.