

Ch 9. Network system

Section 2. Networking hardware



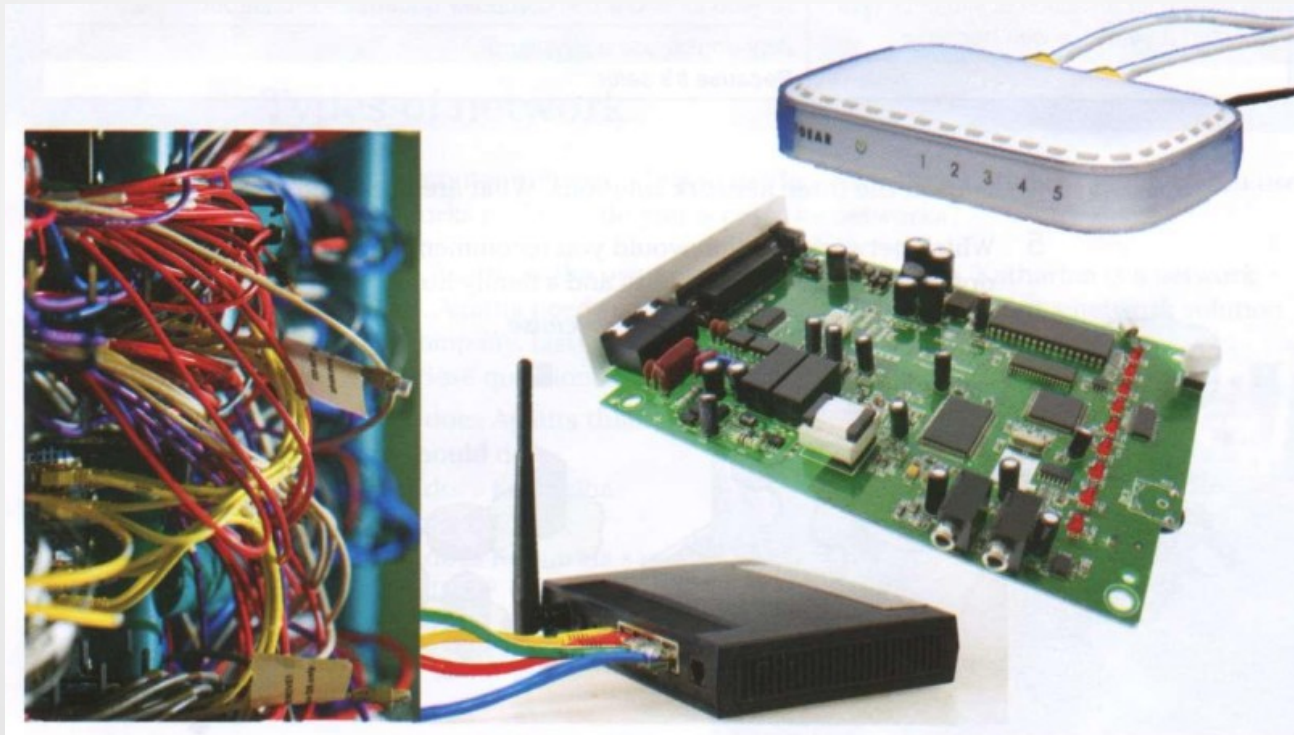
Learning objectives

- 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: Vocabulary

- 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 Recording 6.36

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 <i>to</i> .	Why don't you call the IT help desk? <i>That's a good idea.</i>
What about + <i>-ing</i>	What about buying a new router? <i>I don't think that will work.</i>
How about + <i>-ing</i>	How about reading the instructions first? <i>I'll do that.</i>

- Complete the missing words

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.