

# Networking Basics

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## CREATING A SMALL COMPUTER NETWORK

Steps to create a computer network:

- Installing network adapters
- Connecting computers with cables
- Running Network Setup Wizard
- Sharing network resources

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## INSTALLING NETWORK ADAPTERS

Network adapter cards

- link between the wiring of your network and your computer (connection points to which your network cables connect)
- speed 10 or 100 Mbps
- two types of connectors:
  - BNC or coaxial connection
  - UTP connection
- ISA or PCI

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## CONNECTING COMPUTERS WITH CABLES

- using BNC connection you are creating *Bus Network*
- using UTP connection you are creating *Star Network*

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## INSTALLING WIRELESS ADAPTERS

Network Wireless Adapters

- create wireless link between computers or computer and Access Point (wireless network hub)
- speed 11 (802.11b) or 54 (802.11g) Mbps
- types of connectors:
  - USB device
  - USB stick
  - PCI or PCMCIA card

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## RUNNING NETWORK SETUP WIZARD (WIN XP)



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## SHARING NETWORK RESOURCES

- files and documents
- printers
- CD-ROM drives
- Internet connection

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