

## 4.1 Peripheral Devices

As you study this section, answer the following questions:

- What are the three types of peripheral devices?
- Which connector is used by most peripheral devices?
- Which peripheral devices require little to no configuration?
- How can you verify that a device is compatible with a particular computer?
- Which peripheral devices require special software or drives to function?
- What is the difference between an input device and an output device?

In this section, you will learn to:

- Understand the various functions of different peripheral devices
- Connect a KVM to multiple computers
- Connect peripheral devices using the appropriate cables and connectors

Key terms for this section include the following:

Term	Definition
Digitizer	A device that captures an analog signal and turns it into digital data. Examples include graphics tables, document scanners, and 3D scanners.
Input device	A device that sends data to a computer.
Input & output (I/O) device	A device that can input data to a computer and accept output data from a computer. Example include CD-ROMs, DVD-ROMs, USB flash drives, hard disk drives, network adapters, and Bluetooth adapters.
KVM (keyboard, video, mouse) switch	A switch that allows multiple computers to use a single keyboard, mouse, and monitor.
Lumen	A unit of measurement that indicates an amount of light.
Near-field communication (NFC)	A set of communication protocols that allow devices to communicate when they are within 1.6 inches of one another. NFC devices are commonly used in retail stores and restaurants with Tap Pay phone apps.
Output device	A device used to send or display data from a computer.

This section helps you prepare for the following certification exam objectives:

Exam	Objective
CompTIA 220-1001	1.2 Given a scenario, install components within the display of a laptop. <ul style="list-style-type: none"><li>▪ Types<ul style="list-style-type: none"><li>▪ LCD</li></ul></li></ul>

	<p>3.6 Explain the purposes and uses of various peripheral types.</p> <ul style="list-style-type: none"><li>■ KVM</li><li>■ VR headset</li><li>■ Mouse</li><li>■ Keyboard</li><li>■ ADF/flatbed scanner</li><li>■ Barcode scanner/QR scanner</li><li>■ Game controllers</li><li>■ Touchpad</li><li>■ Camera/webcam</li><li>■ Microphone</li><li>■ Signature pad</li><li>■ Magnetic reader/chip reader</li><li>■ NFC/tap pay device</li><li>■ Projector<ul style="list-style-type: none"><li>■ Lumens/brightness</li><li>■ OLED</li></ul></li></ul>
CompTIA 220-1002	<p>4.1 Compare and contrast best practices associated with types of documentation.</p> <ul style="list-style-type: none"><li>■ Inventory management<ul style="list-style-type: none"><li>■ Barcodes</li></ul></li></ul>

**Copyright © 2021 TestOut Corporation All rights reserved.**