

5.3 Optical Media

As you study this section, answer the following questions:

- How much data does a CD typically hold? How much data does a DVD hold? How much data does a Blu-ray disc hold?
- An optical drive speed is identified as 24x10x70. What does each of the numbers indicate?
- A DVD drive and a Blu-ray drive can both read data at 4x speeds. How do the drive's speed compare to the amount of data that can be transferred?
- How are Blu-ray drives made compatible with CD, DVD, and Blu-ray discs?
- What is the difference between BD-R and BD-RE discs?
- Which type of connector attaches an optical drive to the motherboard?

Key terms for this section include the following:

Term	Definition
Optical drive	The disc drive that reads and writes data from optical media.
Optical media	Discs that are easily portable and can store large amounts of data.

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

Exam	Objective
CompTIA 220-1001	<p>3.4 Given a scenario, select, install and configure storage devices.</p> <ul style="list-style-type: none">■ Optical drives<ul style="list-style-type: none">■ CD-ROM/CD-RW■ DVD-ROM/DVD-RW/DVD-RW DL■ Blu-ray■ BD-R■ BD-RE <p>3.6 Explain the purposes and uses of various peripheral types.</p> <ul style="list-style-type: none">■ Optical■ DVD drive

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