

## 5.2 SATA

As you study this section, answer the following questions:

- What enhancements does SATA2 provide that the original SATA specifications do not?
- What is eSATA? When would you use it?
- What are two ways to configure a SATA2 drive with a system that only supports SATA1?
- How does SATA2 differ from SATA3?
- What advantage does eSATAp have over eSATA?

In this section, you will learn to:

- Install SATA devices

Key terms for this section include the following:

Term	Definition
External Serial Advanced Technology Attachment (eSATA)	An extension to the SATA standard that enables SATA drives to attach externally.
Serial ATA (SATA)	The latest generation of standards for hard disk and other storage devices.

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

Exam	Objective
TestOut PC Pro	1.3 Install and configure storage 1.3.1 Install internal and external storage devices
CompTIA 220-1001	3.1 Explain basic cable types, features, and their purposes. <ul style="list-style-type: none"><li>▪ Hard drive cables<ul style="list-style-type: none"><li>▪ SATA</li></ul></li></ul> 3.2 Identify common connector types. <ul style="list-style-type: none"><li>▪ eSATA</li></ul> 3.5 Given a scenario, install and configure motherboards, CPUs, and add-on cards. <ul style="list-style-type: none"><li>▪ Motherboard connectors types<ul style="list-style-type: none"><li>▪ SATA</li></ul></li><li>▪ Expansion cards<ul style="list-style-type: none"><li>▪ eSATA card</li></ul></li></ul>

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