3.8 Memory Installation

As you study this section, answer the following questions:

- Why is consulting the motherboard documentation so important when purchasing memory?
- You have DDR2 memory with a CAS latency of 6 and DDR3 memory with a CAS latency of 7. What can you tell about the relative speed of the two memory modules?
- What is the difference between ECC and registered memory?
- How does a triple-channel configuration and a quad-channel configuration differ?
- After installing the memory, what should you do?

In this section, you will learn to:

- Select and install the correct memory module.
- Install triple channel memory.

Key terms for this section include the following:

Term	Definition
Capacity	Refers to the storage capacity of the memory module.

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

Exam	Objective
TestOut PC Pro	1.1 Select and install PC components 1.1.4 Install memory modules
CompTIA 220-1001	3.3 Given a scenario, install RAM types. - Single channel - Dual channel - Triple channel