

LAB 3.1 (3.0 HOURS)

Assessment Preparation Checklist:

Perform the following tasks to prepare for this assessment:

- Read Chapter 4, pp. 115–152, from your textbook *Computer Structure and Logic*.
This chapter discusses different motherboards and its components.
- Access Ebrary via the ITT Tech Virtual Library > Browse > Browse by Format > Books and read Chapter 10, pp. 99–107 and 120–127, from the textbook *Computer Hardware Course*.
This chapter explains how to assemble a PC with various motherboards.
- Go through this module's lesson that covers motherboard specifications and layout.

Title: Identify Motherboard Components and Form Factors

In this lab, you will demonstrate the ability to examine and investigate the different types of motherboards and CPUs used in a computer.

Required Setup and Tools

Photos of motherboards and CPUs are provided in the lab worksheet. However, if possible, the case cover of a desktop computer should be removed in order to get a look inside the system at the motherboard. The system should be unplugged and off when this work is done. You also need access to the Internet for research.

Use the Lab 3 Worksheet to submit your responses.

Submission Requirements:

- Your lab report will be a Microsoft Word document containing descriptions of the results obtained in each step of the procedure for each task, including relevant screenshots, tables, and/or diagrams. **Note:** To grab a screenshot of the current window, such as the Internet Explorer window, press the Alt and Print Screen keys to put a copy of the screenshot onto the Windows clipboard and then switch to your Microsoft Word document and paste the screenshot into your document.
- Include a references page citing the resources you used from the textbook, ITT Tech Virtual Library, and credible websites to substantiate your answers. All citations should be in APA format. Refer to **ITT Tech Virtual Library > Research Help > Research Guides > Grammar, Writing & Style > APA Formatting and Style Guide** for help in APA formatting.