

## Lab - Research Laptop Specifications

Laptops often use proprietary parts. To find information about the replacement parts, you may have to research the website of the laptop manufacturer.

Before you begin this lab, you need to know some information about the laptop.

Your instructor will provide you with the following information:

<b>Laptop Manufacturer:</b>	<i>Dell INC.</i>
<b>Laptop Model Number:</b>	<i>G3 15 3579</i>
<b>Amount of RAM:</b>	<i>32 GB</i>
<b>Size of the Hard Drive:</b>	<i>1 TB 5400 RPM HDD</i>

Answer the following regarding your laptop model.

1. Use the Internet to locate the website for the laptop manufacturer. What is the URL for the website?
  - <https://www.dell.com/en-ph>
2. Locate the service section of the website and look for links that focus on your laptop. It is common for a website to allow you to search by the model number.

List the links you found specific to the laptop and include a brief description of the information in that link.

- [System Information](#)
  - o In accordance to the link about the system information section consists of the processor and chipset components. This component serves as the core of the system.
- [Operating System](#)
  - o This laptop brand uses windows 10 as its default OS.
- [Memory](#)
  - o This laptop link section consists of Dual channel DDR4 and two SODIMM Slots, with a consistency speed of 2666MHz.
- [Intel Optane Memory](#)
  - o In this section, Intel Optane Memory link describes the laptop's component of capable of using of PCIe (Peripheral Component Interconnect Express).

- [Video Graphics](#)
    - o Video Graphic Section consist of the laptop's graphics card specification of NVIDIA GeForce GTX 1060 Max-Q and NVIDIA GeForce GTX 1050/1050Ti. Graphics card is for the enhancement of the laptop's performance in terms of Frames for example Video editing, Gaming, Multi Processing, etc. Quality/Resolution, For laptop's compatibility and excellent display performance.
  - [Storage](#)
    - o This section of the link, introduces the laptop's storage capacity and specification. This laptop uses, One 2.5 Inch Hard Disk Drive (HDD), One 2.5-inch Solid-State Hybrid Drive (SSHD), and One M.2 2280 solid-state drive (SSD). The HDD and SSD is known to support the laptop's storage capacity in terms of downloads, OS requirements, and most of all is the Given storage component interface in speed download and uploads.
  - [Battery](#)
    - o This section of the link, the laptop's Battery component is a 4-cell "smart" lithium-ion (56 WHr). And coin cell battery. In accordance to my research in the internet the coin cell battery on a computer's motherboard powers the CMOS chip, which in turn stores hardware settings, the date, and the time, allowing the BIOS/UEFI to retain this information when the computer is turned off.
  - [Display](#)
    - o The Display Section, Introduces the laptop's LCD, a 15.6-inch FHD non-touchscreen panel and consisting of 1920x1080 Resolution (MAX). The Display serves as the visual of the laptop's screen.
3. Briefly describe any service notices you found on the website. A service notice example is a driver update, a hardware issue, or a.
- With all honesty, given to my research according to the laptop's model, G3 15 3579, The Service Notice of the laptop is no longer available or existing in the website. With all due effort and all research, I did, all website links and documents that was shown, are currently unavailable.
4. Open forums may exist for your laptop. Use an Internet search engine to locate any open forums that focus on your laptop by typing in the name and model of the laptop. Briefly describe the websites (other than the manufacturer website) that you located.
- o ***The link that we used in accordance to the open forum explanation is this [link](#).***
  - o According to the website information, they described laptop's information as Dell gaming laptop that is built for high-performance, that is featuring Windows 10 home, and has a powerful component of a 8th Gen Intel® processor & NVIDIA GeForce GTX 1060 Graphics. They said that it is compatible for smooth streaming due to the technology it has such as Waves MaxxAudio Pro and Smartbyte. It also has big capacity storage and high-speed internet connection, and a long-lasting battery with a quick-charge support that is all designed for both power, convenience and quality.