

# BYOT Device Specifications: Incoming Freshmen (Class of 2025)

Saint Ignatius High School encourages students and parents to use the following information to help guide them in selecting a device for the mandatory BYOT (Bring Your Own Technology) program. Please be sure to consider size, operating system, and price to find a device that fits with your family budget; **iPads, iPods and smartphones (including iPhones, Windows Phones, and Droids) are NOT acceptable BYOT devices.**

## Items to be aware of:

1. Please have a current subscription of an Anti-Virus program for any laptop device (MAC OR PC) you bring. Suggestions include Symantec, Trend Micro, McAfee or Kaspersky as your AV software provider.
2. Please ensure any device you purchase or use has either dual bandwidth wireless radio (2.4Ghz and 5Ghz) – usually indicated with letters ABGN or AC possibly AX or at least a 5Ghz radio (AN/AC/AX). Your purchase should support the AC standard (802.11ac) which allows extra DFS channels in the 5Ghz range of wireless radio. A new radio standard 802.11AX (also called Wifi6) has been ratified but your existing devices or new purchases will most likely not have this capability. Do not worry about compatibility with Wifi6 spec, we just started to get a few compatible access points and it will take years to convert the entire campus to the new specification.
3. Linux, Unix, and alike operating systems installed on BYOT devices, as well as any “jail-broken” devices are not allowed on campus networks **no exceptions**.
4. It is recommended that every student purchase and bring to school earbuds or headphones to allow for quiet listening.

## Laptops

- If you will be purchasing a new laptop device (Mac or PC) for your student, you will very likely have a compatible system for the BYOT program based upon current industry minimum computer specifications. But please check that it meets at least the standards below. Some recommended laptop manufacturers are: Asus, Apple, HP, Lenovo, and Dell.
- If you plan to use an existing laptop for your student, you possibly could have a compatible system if the laptop was purchased within the last three (3) years. If your laptop was purchased more than three (3) years ago, we recommend the following minimum laptop specifications:

Dual core processor (1.2Ghz or more)	4 GB RAM memory – 11 inch screen – <b>8 GB preferred</b>
120 GB hard drive (or more) – SSD preferred	Operating system / Apple - OSX10.13 or later
Longest battery possible (5 hours or more)	Operating system - Windows 10 or later
2.4 & 5Ghz Radios (called dual band ABGN or AC or AX) this may also be called WIFI 5 or WIFI 6.	Business Application software - Open Office - Google Docs

## Chromebook Laptop

- A Chromebook laptop (version 35 or newer) from any manufacturer will be compatible with our BYOT network.
- Chromebook laptops run Chrome OS and have: Google apps built in, approximately 6.5 hours of battery life, automatic updates from Google, integrate seamlessly with Google Drive, and built in security to protect the laptop against viruses and malware.
- Recommended Chromebook manufacturers: Acer, Asus, HP, Lenovo, and Toshiba – please verify that you have 5Ghz Wi-Fi (AN/AC) or dual band 2.4Ghz and 5Ghz (ABGN) wireless radios in the unit you purchase. Note: 802.11ac wireless radio will cost a bit more in some manufacturers units but also recommended. Again don't worry about 802.11ax capabilities.

## Tablets

- **ALL TABLETS, including iPad, Google Nexus, Kindle Fire etc. are NOT PERMITTED FOR USE IN OUR BYOT PROGRAM.** Microsoft Surface Pro/Book with keyboard running Windows 10 operating system is considered a laptop and they qualify for the BYOT program.