

BYOT Device Specifications: Incoming Freshmen (Class of 2022)

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.** Student Phones are not allowed on any school networks.

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 AGN or AC or least a 5Ghz radio (AN or AC). Your purchase should support the AC standard (802.11ac) which allows extra DFS channels in the 5Ghz range of wireless radio. This new radio standard produces a better experience with newer wireless systems and is the new wireless radio standard for networks.
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 Toshiba.
- 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 (1.8Ghz or more)	4 GB RAM memory – 11 inch screen
120 GB hard drive (or more)	Operating system / Apple - Mavericks (OSX10.9) or later
Longest battery possible (5 hours or more)	Operating system / PC - Windows 7 or later
2.4 and 5Ghz wireless radios (called dual band ABGN-AC)	Business Application software - Open Office - Google Docs

Chromebook Laptop

- A Chromebook laptop (version 23 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.

Tablets

- *After years of analysis, our data shows that tablets are not effective devices for BYOT use. From a teaching and learning perspective, students are finding that they are not able to do all that they are required. So, a smaller, lighter laptop or Chromebook is the best type of recommended device.*
- **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 8 or Windows 10 are considered laptops and qualify for the program.