

# BYO Device Minimum Requirements 2021

The following information outlines the minimum requirements for connecting a student BYO device to the school's Wi-Fi network.

*Note: This information does not give minimum hardware specifications for a device (except Wi-Fi and battery) due to the large range of computers on the market and differing performance levels.*

For some students a basic device may be suitable, however some school subjects (such as engineering, visual arts, design etc.) may require high demand software and so will require higher performance devices to work. If specific software is to be used, you should review that software's minimum hardware requirements.

Factors that will influence the device performance include the design of the device, the type/speed of CPU, the amount of RAM, and the type of hard drive\*. You may wish to compare relative performance of devices on hardware benchmark websites (such as pcbenchmarks).

## Examples of computer performance levels (Windows OS)

Item	Basic	Moderate	High
Processor Cores	2	2	4 or more
Processor Speed	2 GHz	2.5 GHz	3.0 GHz or higher
RAM	4 Gb	8 Gb	8 Gb or more
Graphics RAM	256 Mb	1 Gb	2 Gb or more
Hard Drive* size	120 Gb	240 Gb	500 Gb or more

\* NB: we recommend solid state hard drives (SSD) for improved performance and reduced battery drain.

Students and parents/guardians should consider their current school subject computing needs and possible future needs when deciding on the performance level of their school BYO device. Contact the subject co-ordinator if unsure about software or recommended device performance requirements.

## Software (Operating System) Requirement:

### Windows OS:

- Windows 10 (v.1709 or higher)

### Apple OS:

- iPad: iOS/iPadOS 11 or higher
- Mac: MacOS 10.13 or higher

## Hardware Requirement:

- Device must have Wi-Fi
- Battery powered (battery should be able to power the device for the length of the school day)

## Not Supported:

- Operating systems not listed above are generally incompatible with our network and are not supported. These include:
  - Android devices (i.e. Samsung tablets, etc.)
  - ChromeOS (i.e. Chromebooks)
  - Windows Mobile
  - Linux (including Ubuntu, Fedora, etc.)

Third-party internet web filtering and control apps (including browser extensions) and VPNs often conflict with the Department's web filtering and should not be used at school.

School IT technicians will make every effort to enable Wi-Fi connection of devices which meet these minimum specifications, however this assumes there are no technical or other issues outside of their control.