



MITCHELTON STATE HIGH SCHOOL

Inspiring Individual Excellence

The Department
of Education trading as:
Education Queensland International (EQI)
CRICOS Provider Number: 00608A.

Mitchelton State High School BYO Program

Minimum Device Specification

Device Type	Microsoft Windows Laptop - Recommended
	Apple MacOS Laptop
	Not supported – iPads, Chromebooks, Android devices, Smart Phones
Screen Size	Minimum size of 12" (at least HD Resolution 1366 x 768)
Processor	Windows - Intel i3 8th Gen+ or AMD Ryzen 3 equivalent
	MacOS – Macbook Air/Pro – M Series/Intel
	Not supported – Snapdragon/ARM processors are not supported at this point in time
RAM	8GB minimum – 16GB is recommended
Storage	256 GB SSD
Operating System	Windows – Windows 11
	MacOS – Version 14 or later
	Not supported – Linux, Android, Windows 7, 8, 8.1, RT, 10, Chrome OS
Wireless Connectivity	Device must support 5GHz wireless – Wifi 5 (802.11ac) or higher standard
Features	Keyboard, headphone port/ability to output to wired headphones, in-built microphone, webcam
Battery Life	Minimum of 6 hours. Devices should be charged at home and ready for use every day

The outlined specifications will allow your student to complete tasks in all core areas of learning. Due to the nature of the program, any devices which do not meet the minimum requirements will not be able to connect to the school's network. When selecting a device, you will need to balance cost, functionality, weight and performance to best match the core features and capabilities your student will need to complete their studies. While Apple MacOS devices are supported, it is highly recommended that students utilise Windows devices to ensure maximum compatibility with all software.

Considerations

Performance	
Students who have an interest in arts (FTM, Visual Arts) or technical subjects (CAD, coding) may need to consider higher specifications	• Higher power processor – current generation Intel i5 / Ryzen 5 or higher • RAM – 8GB, 16GB (Recommended) or higher • The most recent generation devices tend to allow for longer run times/performance when operating on battery
Functionality	
To best utilise currently available technologies, you may wish to consider some of these optional features	• Front facing camera • Stylus/Touch screen input • Multiple USB ports • HDMI/Video output
Portability	
Consider the total weight of the device, especially if your student is walking or commuting on public transport	• Aim for a device with a lower weight ideally around 1.6Kg or lighter
Durability	
As with all technology there is a chance of damage occurring. It may be worth considering a device which offers greater durability.	• Consider adding an extended warranty which covers accidental damage to the device. • Sturdy build quality • Spill-proof keyboard

Further BYO requirements

- Students should keep their laptops in a case or sleeve for greater protection
- A pair of wired headphones which best fit your student should be purchased
- While not mandatory, it is recommended that a students BYO device be covered by an insurance policy which covers loss, damage or theft at school and off grounds.

Software Notes

- An extra antivirus package should not be required for Windows devices as the default Windows Defender package is very capable when kept up to date. If you are using a MacOS device, you will require an antivirus solution, free options should be fine when kept updated.
- Microsoft Office is available to all users on the education department's network, it is not necessary to purchase this software separately
- Adobe Creative Cloud will be available to install for those students completing relevant courses
- Students will need an administrator account on their device to connect to the school network