BYOx Minimum Device Specification

Device Type	Microsoft Windows Laptop Apple MacOS Laptop Not supported - Chrome Books, iPads
Screen Size	Laptop - 12” screen or larger (measuring diagonally)
Processor	Intel i3/AMD Ryzen 3 -recommended Apple MacBook/Air/Pro – either Intel or M series-based chip Not Supported: iOS, ARM Qualcomm Snapdragon X processors – found in Microsoft CoPilot+ PC’s
RAM	8 GB or higher (16GB Recommended for higher secondary and students interested in CAD or Film/TV/Media)
Hard Drive	256 GB SSD or higher (512 GB SSD or higher for students considering Media studies)
Operating System	Windows laptop - Windows 11 MacOS Laptop – MacOS 14 Sonoma or newer Not supported- iOS, Linux, Android, Windows 7. 8. 8.1, RT, 10, 10S, 11S, S Mode, Chrome OS
Features	Keyboard, headphone port, in-built microphone, webcam
Battery Life	Minimum of 6 hours +. Please note that it is school policy that devices are fully charged at the beginning of the school day. Students should not be charging their devices at school.
Cost	Stick to a budget that fits within the minimum specifications. The school IT department can not recommend a particular device or brand, however we are happy to answer questions if you find a device and you are unsure if it is suitable.
Software	Microsoft Office 365 is free for all Education Queensland student – you do not need to purchase this. Adobe Creative Cloud is included for specific subjects and students will be advised by the relevant teacher when the course requires it. Students will need a higher end machine to run this software. Other software maybe required for your subject selection – check with your teacher so as to purchase the correct device that meet the software requirements
Antivirus software and Cyber Security	Please see our Cyber Security information sheet below for in-depth details. It is requested that year 7 and 9 students do not have any paid or free versions of antivirus software installed on their devices until after NAPLAN concludes as this software blocks students from being able to download and use the NAPLAN Lockdown Browser to do their testing.

Things for consideration

Considerations	Features to look for
Performance Students who are working technically (coding, AutoCAD, Inventor) or creatively (video editing, illustration) will want a device with high performance features.	• Power and speed: 16GB RAM or higher and i5 core processor or higher • Older devices will have a shorter battery life.
Functionality Technology rich tasks will require students to use multiple inputs such as audio recordings, videoing, and data logging.	• Inbuilt microphone • Front facing in-built camera • USB port and display port.
Portability Consider the portability of the device if your student: • Uses public transport • Walks long distances	• Aim for a lower weight device (around 1.6kg).
Durability Accidents happen! Know if your student will likely require a more durable machine.	• Consider an extended warranty and insurance with follow up support • Solid state drives • Robust casing and spill-proof keyboards • Ruggedized laptops • Durable laptop hard case

Sunshine Beach State High School acknowledges the Australian Aboriginal and Torres Strait Islander peoples as the first inhabitants of the nation and the traditional custodians of the lands where we live, learn and work. We pay our respects to the Gubbi Gubbi people, their elders past, present and emerging.

Sunshine Beach State High School

Cyber Safety Product information

As part of the Department of Education, Sunshine Beach State High School is equipped with internet access for students that is monitored and filtered. But, we also support parents that wish to take an interest in their child's cyber safety and monitor their online activity on their BYO devices outside of the school. It is unfortunate that most cyber safety products including VPN software interfere with network connectivity here on the EQ network environment.

For parents who are interested in additional cyber safety capabilities, products that are known to work within the EQ environment include:

- Qustodio - https://www.qustodio.com/en/ - on Windows devices only - does not work on Mac devices in the EQ network.
- Microsoft Family - https://www.microsoft.com/en-au/microsoft-365/family-safety - In addition to creating one for yourself, you must create a Microsoft Account for your child and please DO NOT use your child's EQ email (username@eq.edu.au) address. You must use a personal email account (for example, a @outlook.com email address) to create the Microsoft Account for your child.
- Family Zone - https://www.familyzone.com/anz/families provided you configure it to
- completely disable itself during school hours (for example, 8:30am – 3:00pm). Does not work on Mac devices in the EQ network.
- Apple - Family Sharing - https://www.apple.com/au/family-sharing/
- Windows Defender which is already installed on a windows device

Products that are known DEFINITELY NOT to be compatible are:

- Norton - https://au.norton.com/products
- Free Antivirus Products from AVG, AVast and TotalAV
- McAfee - https://www.mcafee.com
- Trend Micro Internet Security – unless you add manual proxy settings for EQ in the advanced network settings of the Trend Micro Console.
- All VPN software

If you have any further questions please contact the IT team via email at

IT@sunshinebeachhigh.eq.edu.au

45 Ben Lexcen Drive, Sunshine Beach Qld 4567
T +61 7 5440 4222
W sunshinebeachhigh.eq.edu.au

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