Bring Your Own Device (BYOD)

Device Selection

Before acquiring a device to use at school, ensure you are aware of the school's specification of appropriate device type, operating system and software. These specifications ensure the device is suitable to enable class activities, meet student needs, meet network requirements and promote sage and secure network access.

Before purchasing from a retailer, please consider buying from our BYOD Vendor Portals outlined below (JB HiFi and Queensland Computers), as all devices meet our specifications, with the option of adding Accidental Damage Protection (highly recommended).

Queensland Computers
Portal link: https://edu.queenslandcomputers.com.au/collections/brownsplainsshs
Password: Brownsplains23

JB HiFi
Portal link: www.jbeducation.com.au/byod
Password: BPSHSBYOD2024

Minimum Hardware Requirements for Device Selection

The device selected **must** meet certain technical requirements. We recommend students have a device for about a three-year life cycle. If purchasing from a store, it is imperative to note the following **minimum specifications** before purchase to avoid wasted expenditure and disappointment:

Specifications	Device Specifications
Screen	Touchscreen with active stylus support
Platform	Laptop or Tablet: Windows (preferred) or Mac *Not supported: Chromebooks, Android*
Operating System	Windows 10 or later, MacOS 10.15 or later *Not supported: Chrome OS, Linux, Unix, Windows RT/7/8/8.1/10S* *(Free upgrade from Windows 10 'S' Mode to Full Windows 10)*
CPU	Minimum: Intel Celeron N100 Recommended: Intel Core i5 or equivalent
RAM	Minimum: 4GB RAM Recommended: 8GB RAM
Storage	Minimum: 128GB SSD Recommended: 256GB SSD
Network	Minimum: 5.0 GHz capable (5GHz 802.11n) Recommended: 5.0 GHz capable (5GHz 802.11ac – Wifi5)
Screen Size	Minimum: 11 to 13 inch Recommended: 13 to 15 inch
Battery Life	Minimum: 6 hours Recommended: 10 hours
Ports	USB-C with charging, USB A 3.0, HDMI, Audio out
Keyboard	Mechanical keyboard. A touchscreen keyboard does not help with blind typing and therefore is not acceptable.
Anti-virus	Windows built-in anti-virus 'Defender' is sufficient and no additional anti-virus is necessary. *Not supported: trial versions of any anti-virus, AVG, Avast, Kaspersky, Bitdefender and Windows Firewall*.
Accessories (strongly recommended)	Protective Case, Wired headphones/earphones, Laptop Accidental Damage insurance

These specifications are for general, non-technical subjects. For senior technical subjects please see recommendations.

Minimum vs Recommended

We provide two levels of requirements to help guide parents to choose the right device:

- **Minimum**: this is the minimum specifications to connect to our network and run basic software. It will provide a 'satisfactory' experience and devices may need to be replaced after around 2-3 years. Minimum requirements are **not** recommended for students in Year 10-12.
- **Recommended**: these devices will perform well on our network and run almost all software. Where possible, we advise trying to aim for these specifications. With care, these devices will be fit-for-purpose for 3-4 years.

The following devices are not supported:

- **Phones (any type)**
- **Chromebook**
- **Android**

Note for Apple Mac computers

Apple Mac Computers are NOT the best purchasing choice for our BYOD program as sometimes there are compatibility issues with our network and our technicians do not have the background knowledge to support them. The majority of our teachers also only use Windows based machines and therefore, their problem-solving capability with a Mac device is limited. However, if you have recently purchased a MacBook and the student is a competent Mac user – we'll do our best to connect the device to our Microsoft Network.

Subject Technical Recommendations

The following are the recommendations for subject specific requirements for BYOD.

Senior Subjects	Recommendation	More Information
Music	256GB SSD storage 8BG RAM memory	Sibelius system requirements
Information and Communications Technology and Visual Art	256GB SSD storage 8BG RAM memory (16GB recommended) 2GB graphics card 1280 x 800 display	Adobe CC (Photoshop) system requirements
Media	Intel 7th gen or newer processor 256GB storage (SSD) 8GB RAM memory (16GB recommended) 2GB graphics card Full HD /1920 x 1080 display USB-C with charging SD Card reader	Adobe CC (Premiere Pro) system requirements
Certificate III in Engineering Technical (CAD)	8GB RAM memory (16GB recommended) 1920 x 1080 with true colour display 1 GB graphics card USB-C with charging	Autodesk CAD 2021 system requirements

Digital Inking

Students are encouraged to use a device that has digital ink capabilities. Using digital ink, students retain information more effectively and express themselves more freely than they can with a keyboard alone. Today's styluses allow paperless collaboration and enhance the communication of ideas. All options in our BYOD Vender Portals are suitable for digital inking.

Accidental Damage Protection (ADP)

During a student's high school career, their device is almost certainly going to receive damage in some form.

It happens commonly and is inevitable as students set up and pack down their devices several times each day, travel to and from school (sometimes while raining), play at break time, and generally use their belongings with a little more force / less consideration than an adult otherwise would.

Even the most cautious student can experience a device accidentally knocked off a desk or a bag stepped on in haste, and there is not always someone to blame, or to pay, for any repairs.

For this reason, the school always recommends ADP is added to your purchase of a new device, or taking out insurance if the device is pre-owned.