

# 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 safe and secure network access.

The BYOD portals below include devices which meet our specifications, with the option of adding Accidental Damage Protection (highly recommended). Many retailers offer specials throughout the year, which may make similar options more affordable. There are also several retailers who sell refurbished devices at a low cost including Computer Republic.

Queensland Computers

Portal link: <https://edu.queenslandcomputers.com.au/collections/brownsplainsshs>

Password: Brownsplains24

JB HiFi

Portal link: [www.jbeducation.com.au/byod](http://www.jbeducation.com.au/byod)

Password: BPSHSBYOD2025

## 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<br><i>Not supported: Chromebooks, Android</i>   |
| Operating System | Windows 11 or later, MacOS 10.15 or later<br><i>Not supported: Chrome OS (Chromebook), Linux, Unix, Windows RT/7/8/8.1/10S</i><br><a href="#">(Free upgrade from Windows 10 'S' Mode to Full Windows 10)</a> |
| CPU              | Minimum: Intel Celeron N100<br>Recommended: Intel Core i5 or equivalent  |
| RAM              | Minimum: 4GB RAM<br>Recommended: 8GB RAM   |
| Storage          | Minimum: 128GB SSD<br>Recommended: 256GB SSD or larger   |
| Network          | Minimum: 5.0 GHz capable (5GHz 802.11n)<br>Recommended: 5.0 GHz capable (5GHz 802.11ac – Wifi5)  |
| Screen Size      | Minimum: 11 to 13 inch<br>Recommended: 13 to 15 inch   |
| Battery Life     | Minimum: 6 hours<br>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.  |

|   |  |
|---|--|
|   | <i>Not supported: trial versions of any anti-virus, AVG, Avast, Kaspersky, Bitdefender and Windows Firewall.</i> |
| <b>Accessories (strongly recommended)</b> | Protective Case, Wired headphones/earphones, Laptop Accidental Damage insurance                                  |

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

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

## **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 Vendor 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.