



Student BYOxLink Device Specifications

Updated February 2022





BYOxLink Program

Hervey Bay State High School's "Bring Your Own" or officially titled "BYOxLink" device program supports printing, filtered internet access, file access and storage through the department's network while at school, on Windows and Apple devices. Please note, Android tablets and laptops (such as Samsung, etc.) are not compatible with the BYO program.

The program does not provide technical or warranty support, or allow the charging of devices at school.

Device Selection

It is essential parents/carers and students are aware of the school's requirements of appropriate device types, operating systems and hardware. The specifications provided relate to the suitability of devices for teaching and learning activities, meet student needs and promote safe and secure access to the department's network.

Depending on the type of curriculum program a student is enrolled in, considerations need to be given for the best type of personally owned device to use. Because students in the junior school have different needs to those in the senior school, we have tailored our BYO program to suit.

- **Junior (Years 7 to 9)**

We recommend iPads for students in Years 7 to 9 due to portability and ease of use.

Please note - students who have been accepted into the Academic Program of Excellence (APEX) are highly recommended to have a BYO device.

- **Senior (Years 10 to 12)**

We encourage Windows 10 laptops as the preferred device for students in Years 10 to 12 as they have more diverse needs than younger students. Senior students studying specialist, computer-based subjects such as Business, Digital Technologies, Graphics and similar subjects are recommended to have a laptop.

FREE Microsoft Office for Students

All state school students may download and install office onto their devices FOR FREE. Instructions are provided here: <https://learningplace.education.qld.gov.au/microsoft-office-software>



Device Specification Requirements (Windows and Apple Products Only)

Device Type	Minimum Performance (word processing etc.)	High Performance (CAD, 3D modelling, encoding)
Windows 10 Laptop or Convertible Tablet	Intel 9 th Gen i5 2.6GHz or faster 4-6 core CPU AMD Ryzen 2.6GHz or faster 4-6 core CPU 8Gb RAM 256Gb SSD storage (below 256Gb will not suffice) Wireless Connectivity (Wi-Fi 802.11a/b/g/n) Windows 10 Home or Pro (logged out of S Mode) 3Yr Warranty + Accidental Damage Protection Integrated GPU with 4Gb VRAM Hard case to slip into a school bag (required) Wired/wireless mouse (optional)	Intel 10 th Gen i7 3.8GHz or faster 6-8 core CPU AMD Ryzen 3.8GHz or faster 6-8 core CPU 8-32Gb RAM 500Gb SSD storage (HDD will not suffice) Wireless Connectivity (Wi-Fi 802.11a/b/g/n) Windows 10 Home or Pro (logged out of S Mode) 3Yr Warranty + Accidental Damage Protection AMD or NVIDIA GPU with 4Gb to 8Gb VRAM Hard case to slip into a school bag (required) Wired/wireless mouse (optional)
Apple MacBook Pro (laptop)	Manufacture date from 2018 AppleCare+ Protection with the same specifications as Windows laptops above	Manufacture date from 2018 AppleCare+ Protection with the same specifications as Windows laptops above
iPad	iPad 7 th Gen or newer 32Gb storage (64GB or 128Gb to future-proof) iOS 14 compatible or higher \$30 iTunes card to allow for purchase of some apps throughout the year AppleCare+ Protection Recommended accessories: Apple Pen, durable case, keyboard case (optional). iPad Minis are not compatible, older iPads will not connect to BYOxLink.	iPad 7 th Gen /Pro or newer 64Gb storage (128GB or 256Gb to future-proof) iOS 14 compatible or higher \$30 iTunes card to allow for purchase of some apps throughout the year AppleCare+ Protection Recommended accessories: Apple Pen, durable case, keyboard case (optional). iPad Minis are not compatible, older iPads will not connect to BYOxLink.
Battery Life	8 to 10 hours	8 to 10 hours
Price Range (NEW)	Windows: \$850+ iPad \$500+	Windows: \$1400+ MacBook Pro \$1500+
External Backup (PC)	USB memory stick 16Gb (applicable to Windows and Mac OS devices)	
Recommended Accessories	Headphones (netbooks/laptops), hard case (ALL devices), mouse (netbooks, laptops), keyboard case (iPads)	
NOTE Incompatible Software	Devices that include McAfee or PC-cillin anti-virus software have been found to be problematic with onboarding to the BYOxLink network. It is therefore recommended that when devices are purchased, devices with these apps and/or utilities are avoided or removed as a high priority after purchase. Students must not install P2P (e.g. BitTorrent, uTorrent), VPN (e.g. NordVPN, OpenVPN) software on BYO devices.	

MOBILE PHONES AND ANDROID LAPTOPS/TABLETS ARE NOT ACCEPTABLE

VERY IMPORTANT - Administration Rights

Students *must* have full admin rights to their devices to be able to install software, this includes BYOxLink onboarding which is the process undertaken by students to connect their devices at home. Please do not install nanny type software or password lock anti-virus software on their devices as this negates our ability to on-board them.

Charging of BYO devices at school NOT permitted

Devices must be fully charged at home so that there is sufficient battery capacity for the device to last all four lessons through the day. Due to the safety risks involved and lack of facilities available, students are not permitted to charge any personal equipment at the school. Please encourage them to leave their chargers at home.