

Senior School Bring Your Own Device (BYOD) Device Specifications and Minimum System Requirements



As an alternative to the Student Laptop Program, students in Years 10 - 12 who have completed a 'Laptop Exemption User Agreement'; can elect to bring their own computing device to school for classroom use. This personal computing device needs to be still under manufacturer's warranty; and meet **Device Specifications** that are recommended by the school and listed below.

The device specifications identify the minimum system requirements/hardware specifications for student devices and offer guidance on some suggested makes and models so that parents are fully informed about requirements

While devices manufactured within the last 12 months may meet the minimum system requirements/hardware specifications, the school strongly recommends that students **choose a durable laptop device** to ensure that their device maximises their learning experiences.

Device Type	Windows Laptop	Mac Laptop	Windows 2-in-1
Operating System	Windows 10 or 11	OS X 10.12 or higher	Windows 10 or 11
Wireless (See note below)	5GHz 802.11a/b/g/n	5GHz 802.11a/b/g/n	5GHz 802.11a/b/g/n
Min Screen Size	13"	13"	13"
Storage Capacity	256GB hard drive	256GB hard drive*	256GB
RAM	8 GB	8 GB	8 GB
Minimum Battery Life	10 hours	12 hours	10 hours
Suggested Accessories	Protective case/cover Headphones	Protective case/cover Headphones	Keyboard (mandatory) Protective case/cover

Note: While tablets (e.g. Apple iPads) and Android-based devices are used at school for specific activities; there may be difficulty with durability; and a number of applications and tasks may present problems. Their use as a primary device is discouraged.



BYOD Program – Minimum Requirements

The device must meet all of the following requirements:

Form Factor	Laptop, or 2-in-1 (convertible) device <i>A convertible device must have a physical keyboard attachment with separate keys for A – Z and 0 – 9 and which physically move when depressed. It must run one of the specified operating systems.</i>
Physical Dimensions	Minimum Screen Size: 13" Maximum Screen Size: 15"
Operating System	<ul style="list-style-type: none"> Microsoft Windows 10 or newer Apple MacOS X 10.12 or newer Note: IOS and Android-based tablets are intentionally omitted from the Hardware Specification.
Wireless Compatibility	Device must have 5GHz 802.11a/b/g/n support <i>This may be advertised as "Dual Band Wireless", "802.11abgn", "802.11agn", "802.11ac".</i> Note: Devices marketed as "802.11bgn" probably do not support the required standard.
Battery Life	Advertised battery life of at least eight hours (six hours real-time use)
Additional Recommendations	<ul style="list-style-type: none"> Maximum weight: 2kg Minimum RAM (laptops): 8GB Disk configuration (laptops): Solid State disk (256Gb or above). Accidental loss and breakage insurance

Please take special note of the **Wireless Compatibility** requirements. This is the most difficult requirement to verify yourself for Windows laptops. If you are unsure, consider purchasing a recommended device through the Student Laptop Program.

Functional Specification

Additionally, the device must meet all of the following functional requirements pertaining to software:

Operating System	As per the Hardware Specification, above <i>Microsoft Office365 and Adobe products provided on the Student Laptop Program laptops are made available to all BYOD students upon payment of levy. These are most compatible with Microsoft Windows 10 and can be downloaded through the Student Software Portal. See separate guide for instructions.</i>
Education Software	<ul style="list-style-type: none"> Web browser versions must be recent enough to utilise the Office 365 online service. Examples include Safari, Google Chrome, Mozilla Firefox and Microsoft Edge. Word Processor, Spreadsheet & Presentation Package: Examples include Microsoft Office365 (recommended), MS Office (2013 or higher), or OpenOffice. Mathematical plotting Using the Wolfram Alpha website. PDF Reader Adobe Acrobat Reader or compatible Flash and Java (latest versions) Additional subject-specific software may be required.
Backup	Cloud or USB based backup solution (MS OneDrive is recommended). <i>Students must ensure that their files are regularly backed up. Note that not all "cloud" based solutions will work through the school network</i>
Security Software	Windows 10/11 and Mac OSX laptops should run Sophos Endpoint Protection <i>This is available from the Student Software Portal. See IT Staff for details.</i>

The following suppliers have indicated that they provide devices which meet the minimum specifications:

Acer, Apple, Dell, HP, Lenovo & Sony. Some may offer educational discounts.

St Paul's Anglican Grammar School makes no recommendation toward any supplier.

