



St Aloysius' College

Bring Your Own Device Program (BYOD)

Minimum Technical Specifications

INTRODUCTION

As part of the College's ICT Strategic Plan, all students in Years 7 - 12 are required to have a personal laptop for use at the College for 2020. This will be a new experience for families with boys entering Year 7 in 2020.

There are two key web sites for parents to review in relation to this program. Firstly, there is a space on the College portal (Manresa) with detailed information on this program. The documents here will soon be updated to reflect any changes for the new year. Parents will need a login to access this page. New parents can use the generic login provided elsewhere (hint: username is NewParent) until their individual login is allocated in the new Year.

Web Address: <http://manresa.staloyisus.nsw.edu.au/pf/IT-Support/DeviceStrategy>

The other web site is the BYOD Portal from which parents can source laptops and accessories. This will be updated in the coming weeks to reflect new models available for 2020.

Web Address: <http://www.compnow.com.au/staloyisus>

The College would prefer parents to source a laptop for their son from the BYOD portal provided by the College, but understands that in some cases, families might prefer to source a laptop from elsewhere.

The document details the required minimum technical specifications that such a device should meet in order to be used at the college.

HARDWARE SPECIFICATIONS

The device must meet all of the following requirements:

Type of Device	A laptop style device is required and must include a physical keyboard.
Device Dimensions	We recommend a screen dimension of 12" - 13". Devices larger than 14" or smaller than 10" are unsuitable for school use.
Operating System	Any of the following: <ul style="list-style-type: none">• Microsoft Windows 10 or later (NOT Windows 10S)• Apple Mac OSX 10.13 or later
Wireless Compatibility *	Device must have 5GHz 802.11n support (Dual Band Wireless) "802.11abgn", "802.11agn", "802.11ac", "802.11ax" or "Gigabit Wireless". Devices marketed as " 802.11bgn " (missing 'a' from 'abgn') do not support the required standard.
Battery Life	Minimum of six hours.
Minimum specs	Windows or Apple Laptops: 8GB RAM, 128GB (Minimum) OR 256GB (recommended) Solid State disk (SSD).
Carry Case	A sturdy protective case or padded sleeve for transporting the device.

*** Please take special note of the Wireless Compatibility requirements.** This requirement is the most important one to meet. If you are unsure, consider purchasing a recommended device from the school portal.

SOFTWARE SPECIFICATIONS

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

Web Browser	<p>Any of the following:</p> <ul style="list-style-type: none"> • Safari 10 or later • Chrome 70 or later • Firefox 50 or later
Word Processing and/or Spreadsheet Software	<p>None required as the School provides the following software;</p> <ul style="list-style-type: none"> • Canvas Learning Management System • Google Apps for Education • Microsoft Office (for both Windows and Apple Laptops) via Office 365 • Adobe Creative Cloud
Security Software	<p>Microsoft Security Essentials (Windows). Sophos Home (Mac).</p>

ADDITIONAL RECOMMENDATIONS

The following are recommendations which you should consider carefully:

Weight	Students will be carrying their laptops between classes, a weight limit of 2kg is advised.
Support Considerations	<p>Comprehensive warranty packages including guaranteed onsite service via the St Aloysius' College Helpdesk will be offered via the BYOD portal only. We strongly recommend that you consider purchasing via the portal in order to obtain onsite support and service.</p> <p>If you choose to purchase a device elsewhere consider purchasing a 3-year 'Next Business Day Warranty'.</p> <p>Families should also consider 'Accidental loss and breakage' insurance.</p>
Accessories	A sturdy protective cover or sleeve, external USB drive for backup, mouse (wireless optional).
Age	It is recommended the laptop is no more than 2 years old. Laptops of more than 2 years old will typically exhibit degraded performance and battery life.

SUBJECT RECOMMENDATIONS

The following are recommendations for elective subjects taken by students in Years 9 to 12. Specialist computer labs are available to students during school time however many students wish to continue project work from home and this is where having a device that is capable of supporting specialist software can be beneficial. Please contact department heads for any further information.

Visual Art and Design	9-12: Apple laptop preferred
Music	Apple laptop preferred but not essential.
Drama	<p>Apple laptop preferred but not essential.</p> <p>A sturdy external hard drive.</p>
Languages	Windows laptop preferred but not essential.