

'Bring Your Own Device' – 2017 Program Device Specification

Hardware Specification

The device must meet all of the following requirements:

Form Factor	Laptop, hybrid (touch screen notebook) or tablet device Note: Tablets or hybrids must have a physical keyboard attachment with separate keys for A-Z and 0 – 9, which physically move when depressed.
Physical Dimensions	Minimum Screen Size: 9" Maximum Screen Size: 14" Note: students may request to bring in a larger device if a larger screen is needed for specific subjects, otherwise it is <i>highly</i> recommended to have a device within these specs.
Operating System	<ul style="list-style-type: none"> • Microsoft Windows 7 (or newer) or Windows RT 8 (or newer) • Apple MacOS X 10.7 (or newer) or iOS 7 (or newer) Note: Android-based tablets are omitted from the Hardware Specification due to incompatibilities with some applications on the DEC wireless protocols.
Battery Life	Advertised battery life of six hours or more
Wireless Capabilities	Dual Band wireless capabilities (2.4 & 5 GHz) Note: Although 2.4 GHz is available at CHS, 5GHz 802.11AC/802.11abgn is recommended, as 2.4GHz is a slower wireless range, hence internet speed may be affected in class.
Additional Requirements	Students in year 9 and 10 undertaking elective Information and Software Technology (IST), Visual Arts (VA) and/or Photography and Digital Media (PDM) are required to have a device with a Windows 7 (or newer) or Mac OSX 10.7 (or newer) operating system to allow installation of required software.
Additional Recommendations	<ul style="list-style-type: none"> • Maximum weight: 1.5kg • Minimum RAM (laptops): 4GB (or 8GB for Yr 9/10 IST/VA/PDM students) • Minimum Storage: 64GB (tablets), 128 GB (laptops) • Disk configuration (laptops): Solid State Drive (SDD) • Accidental loss and breakage insurance

Functional Specification

The device must also meet all of the following functional requirements pertaining to application software:

General Education Software	<ul style="list-style-type: none"> • Web browser – Windows computers must run Internet Explorer 10 or newer. Chrome, Firefox and Safari (Mac) are recommended • Word Processor – E.g. Microsoft Word, Apple Pages, OpenOffice Writer. • Spreadsheet Package – E.g. Microsoft Excel, AppleNumbers, OpenOffice Calc. Note 1: Students can download and gain a free educational license key for Microsoft Office 2016 for Windows and Mac OSX from nsw-students.onthehub.com . Instructions on how to do this are available on the school's website. These instructions are a MUST READ!! Note 2: All students have a Google Apps account linked to their portal account, which includes basic office software including Google Docs and Spreadsheets.
Elective Software	<ul style="list-style-type: none"> • IST, VA and PDM - Adobe Creative Cloud (Available FREE from DEC onthehub)
Security Software	Current and reputable security software

Chatswood High School's 'Bring Your Own Device' Program 2017 - Device Suggestions: <http://bit.do/chsbyodsuggestions2017>

This is a list of devices that have been compiled based on CHS's BYOD specifications, feedback current students and online reviews. We recommend you use this as a starting point, but conduct your own research and select a device that best meets the student's needs and budget.

Device	Processor	RAM	Hard Drive	Weight	Screen	Price ¹
Apple iPad Pro²	A9X	2/4 GB	128 GB SSD	0.44 kg	9.7" Touch	\$919
Apple Macbook Air	Intel Core i5	8GB	128 GB SSD	1.35 kg	13"	\$1549
Apple Macbook	Intel Core m3	8GB	256 GB SSD	0.92 kg	12"	\$1999
Apple Macbook Pro	Intel Core i5	8GB	256 GB SSD	1.37 kg	13.3"	\$2199
Dell Inspiron 11 3000 2 in 1	Intel Core M3	4GB	128GB SDD	1.31 kg	11.6" Touch	\$699
Dell XPS 13 Ultrabook	Intel Core i5	8GB	128GB SSD	1.20 kg	13.3"	\$1899
HP 11 2 in 1	Intel Pentium N3710	4GB	500GB SSD ³	1.45 kg	11.6" Touch	\$598
HP Pavilion X360	Intel Core i3	4GB	128GB SSD	1.33 kg	11.6" Touch	\$899
HP Spectre x2 12	Intel Core M7	8GB	256GB SSD	1.22 kg	12" Touch	\$1599
HP Envy 13	Intel Core i5	8GB	256GB SDD	1.39 kg	13.3" Touch	\$1899
Lenovo ThinkPad 11e	Intel Celeron N5130	4GB	128GB SSD	1.50 kg	11.6"	\$859
Lenovo ThinkPad Yoga 11e	Intel Core i3	4GB	128GB SSD	1.59 kg	11.6" Touch	\$1249
Microsoft Surface Pro 4	Intel Core M3	4GB	128GB SSD	0.77 kg	12.3" Touch	\$1349
	Intel Core i5	8GB	256GB SSD	0.79 kg	12.3" Touch	\$1999

¹ Prices as of 22/11/16

² Apple iPad OS will not support installation of the DoE provided Microsoft Office and Adobe CS software

³ This Hard Disk Drive (HDD) device has been included for comparison to SDD devices. In general, HDD devices offer more storage for a considerable lower cost, however they are generally heavier, use more power (decreasing the battery life) and are more susceptible to data loss if damaged. **Chatswood High School recommends purchasing a device with SSD storage.**

Chatswood High School's BYOD Policy, Equity Policy and Software Redemption Instructions are available on the Chatswood High School Website under For Students & Parents> BYOD Program.