(Bring Your Own Device) BYOD Specs 2027

Configuration	WindowsOS	macOS (Apple)
Operating System	Windows 11 Recommend updating to the latest version of Windows (25H2 or 26H2)	macOS 15 Sequoia (Minimum) Recommend updating to the latest version of macOS (26 Tahoe) or (27 Golden Gate)
CPU - Processor	Intel Core/ Core Ultra • 12th Gen CPU or higher • Intel Core i3/ Intel Core 3 (Minimum) • Intel Core i5/ Core 5/ Ultra 5 (Recommended) or AMD Ryzen equivalent	Apple Silicon (MacBook Series) • 6core Apple CPU (Minimum) • 8core Apple CPU (Recommended)
RAM	Memory • 8GB (Minimum) • 16GB (Recommended)	Unified Memory • 8GB (Minimum) • 16GB (Recommended)
SSD Storage	Storage • 256GB (Minimum) • 512GB (Recommended)	Storage • 256GB SSD (Minimum) • 512GB SSD (Recommended)
Display	Display • 13" Inch Display (Minimum) • 1920 X 1080 (Recommended) or higher	Display • 13" Inch Display (Minimum) • 1920 x 1080 or higher
GPU – Graphics	Graphics • Integrated Intel UHD/ Iris Xe Graphics (Minimum) or equivalent • AMD Integrated Graphics	Graphics • 5core Apple GPU (Minimum) • 8core Apple GPU (Recommended) or higher
Network	Wireless Connection • Dual-Band 5Ghz Wi-Fi • Wi-Fi 5 (802.11 ac) or Wi-Fi 6 or higher	Wireless Connection • Wi-Fi 5 (802.11ac) • Wi-Fi 6 (802.11ax) • Wi-Fi 6E (802.11ax) or higher
Battery Life	Battery Life • 7 hours (Minimum). The device should be shut down or put to hibernate mode when not being used to lower battery drain and heat generation. • Device must be brought to school fully charged	Battery Life • 7 hours (Minimum). The device should be shut down or put to hibernate when not being used to lower battery drain and heat generation. • Device must be brought to school fully charged
Not Supported / Not Compatible	• Device that has only 2.4Ghz Wireless • Any new device that has System on a Chip (SoC) includes Snapdragon X series (e.g. X1, X Plus, X2 Plus, X Elite, etc.); NVIDIA/ ARM base CPUs are not compatible with the traditional Windows OS used in our Department's Managed Operation and its network at this time. • Chromebook, GoogleBook, ChromeOS, AndroidOS, Linux OS, • VPN (Virtual Private Network) installed on the device or browser • Windows S Mode, Windows10 OS, Windows 8/ 8.1 OS and below	• Not compatible with Autodesk Revit & Inventor or Pro version • macOS 14 Sonoma and below • iOS, iPadOS

Configuration	WindowsOS	MacOS (Apple)
High Demand Creative Workloads (*Full-time, intensive creative and technical workloads, including graphic design, illustration, 3D modelling, animation, multimedia development, and high-resolution video editing and production.)*	CPU • Intel Core i7/ Core 7/ or equivalent AMD Ryzen 7 processor or higher Memory • 16GB or higher Storage • Storage: 512GB SSD or higher or acquire an external SSD for additional storage or backup Graphics • Dedicated/ discrete GPU or higher GPU	Apple Silicon (MacBook - M Series CPU) • M3 Chip or higher/ Pro version or higher • 8core CPU or higher Memory • 16GB or higher Storage • Storage: 512GB SSD or higher or acquire an external SSD for additional storage or backup Graphics • Integrated Apple GPU with 10core GPU or higher
Additional Equipment/ Accessories	• USB C Multiport Adapter (for additional USB – A port) • Headphone with microphone to suit with laptop (e.g. for online meetings, viewing videos, recording audio, NAPLAN exam, etc.) • A protective case for the device.	• USB C Multiport Adapter (for additional USB – A port) • Headphone with microphone to suit with laptop (e.g. for online meetings, viewing videos, recording audio, NAPLAN exam, etc.) • A protective case for the device.
Additional Information	**Device Warranty and Insurance** • Discuss or plan accidental damage and warranty policies before purchase to minimize financial impact and disruption to learning in case of an accident. • Given the highly dynamic school environment, it is strongly recommended an accidental damage protection (ADP) is purchased for your valuable device. • Families/ Carers are responsible for device repairs, whether under warranty or through insurance policies. • During repairs, students can apply for a daily borrowing device, but availability is limited and operates on a first-come, first-served basis. Once all loaner devices have been claimed, no additional devices will be available. To increase your chances of obtaining a loaner device, it is recommended to visit MS Library first thing in the morning. **Caution with "Bargain" Devices** • Budget-friendly or clearance Windows devices may seem like a great deal, but they may not meet our minimum BYOD (Bring Your Own Device) requirements. These devices often have lower-specification or outdated components, such as older or less powerful CPU-processors, limited memory (RAM), insufficient storage, shorter battery life, or limited upgrade options. As a result, they may run slowly, experience lag, or encounter performance and compatibility issues down the track. Please keep these factors in mind when choosing a more affordable device to ensure it meets our minimum requirements and provides a reliable user experience. **Laptop Operating System (Windows & macOS)** • Before onboarding your device to the school network, please ensure that its operating system is fully updated. This will help prevent delays during the onboarding and connection process. Please note that some devices may take a while to complete all necessary updates. **Security Updates** • Devices must receive current security updates and remain compatible with the school's network and required applications.	