

Nanango State High School



BYO Device Specifications

Revised: March 2023

Nanango State High School recommends that all laptops and tablets used by students meet the minimum specifications below to enable suitability for curriculum based activities.

The minimum specifications provided reflect the requirements for connection to the schools' WIFI network. The IT Technician and Teachers will make every effort to enable connectivity of devices which meet these minimum specifications, assuming there are no technical or other issues outside of their control.

An attempt will be made to connect other devices, but parents and students should be aware that connectivity may not be possible if there are technical or other issues.

Minimum Specifications:

Form Factor	Any Laptop, Tablet (with external physical keyboard), 2-in-1 laptop or convertible device (except Surface Pro X and SE).
Screen Size	Minimum 10.1 inch. Recommended not to exceed 14 inch.
Operating System	Windows 10 (20H2+) or Windows 11 (Note: Windows S mode requires a free upgrade). Apple MacOS 10.15 or higher. Note: Android devices, Chromebooks, I pads, Surface Pro X & SE or any other OS not listed above are not supported.
Hardware	Processor: Any modern (>2021) Processor. RAM: 4 GB minimum. 8 GB recommended. HDD/SSD: 128 GB minimum – 256 GB+ recommended. USB Ports: 2 Minimum.
Wireless Compatibility	5 Ghz. band required (also advertised as "Dual Band Wireless", "802.11ac", "802.11ax", "Wi-Fi 5" or "Wi-Fi 6")
Battery Life	6 hours+ on full charge.
Virus Protection	Windows Security – Included with Windows. Any commercial virus protection. McAfee not recommended. Note: For low spec devices we recommend Windows Security only.
Web Browser	Microsoft Edge. Google Chrome. Mozilla Firefox. Safari (MacOS).

Recommendations:

Maximum Weight	2.5 kg
Screen Size & Resolution	1366 x 768 or better resolution. Size not recommends to exceed 14 inch.
Case	Protective case (hardcover recommended)
Accessories	Mouse/Touchpad
Other	Accidental Loss and Breakage Insurance
Software	Microsoft Office 365 is available for free for students from Microsoft: http://office.com

Operating Systems Not Supported:

Windows Surface Pro X	Any operating system that is not listed in the minimum hardware specifications, i.e. Android, IOS, Linux, Unix, Chrome OS etc.
Windows 8 or earlier versions	
Windows RT	
Windows Mobile RT	
Windows Surface 8	
Windows Surface RT	
Windows Vista	
Windows XP	

Examples of Computer Specifications

(August 2022)

Suitable Mid-Range Devices

Intel N4020, 8GB RAM, 128GB SSD, 13.3" LCD (1366x768), WiFi IEEE 802.11ac, Windows 11 Home

- Current Retail-Price: About AU \$500.00

AMD 3020e, 8GB RAM, 256GB SSD, 14" LCD Screen (1920x1080), WiFi 6, Windows 10 Home

- Current Retail-Price: About AU \$570.00

High – End Devices

Intel i5-1135G7, 16 GB RAM, 512 GB SSD, 13.3" (1920x1080) LCD Screen, WiFi 6, Windows 11

- Current Retail Price: About AU \$1,000

Intel i7-1065G7, 16 GB RAM, 512 GB SSD, 14.1" (1920x1080) LED Screen, WiFi 6 Ax201, Windows 11

- Current Retail Price: About AU \$1,300

Low-End Device - Not Suitable

Intel Atom, 2 GB RAM, 32 GB eMMC (Storage), 11.6 " LCD, IEEE 802.11n, Windows 10 S

- Current Retail Price: About AU \$ 300.00