



BYOD GUIDELINES 2027



MACKILLOP
Catholic College
WARNERVALE

PURPOSE

At MacKillop Catholic College, we are committed to the application of technologies to enhance learning. The MacKillop Education Model supports future readiness, and in doing so, the College commits itself to delivering learning that is supported by diverse methodologies, including the integrated use of technology in the learning curriculum.

To support families and students, the College introduced a Bring Your Own Device (BYOD) Program in 2025.

The BYOD Guidelines provide families with information on:

- Student Responsibility for Device and device-care, Minimum Device Specifications; and
- Purchasing a device.

It is expected that parents/caregivers of students at MacKillop ensure their child is prepared for class each day with a charged device that meets the minimum specifications identified in this document. It is an expectation that this device is a learning tool and therefore should not be used for any activities that do not support the College's student code of conduct.

RESPONSIBILITY FOR DEVICE & DEVICE CARE

Each device is a privately owned product and, therefore, it is the student's responsibility to keep their device safe and secure. It is the responsibility of the family to purchase additional warranty, insurance, and accidental damage cover to protect their device.

Insurance

It is important that parents specifically request information regarding insurance at the time of purchase and follow the instructions given by the provider regarding cooling off periods and other matters related to insurance and accidental damage cover.

MacKillop highly recommends the purchase of accidental damage protection/Apple Care to ensure insurance against accidental damage. MacKillop does not take responsibility for any damage, loss or theft of student devices.

It is highly recommended that students transport their device in a suitable protective case to and from class and purchase the MacKillop backpack that has a built-in laptop sleeve.

Repair of Devices

MacKillop does not take responsibility for the repair of student devices. If students are awaiting the repair of their device, they are expected to continue their learning by using pen & paper, and consulting with their respective teachers.

MINIMUM SPECIFICATIONS

The minimum specifications, as recommended by Catholic Schools Broken Bay (CSBB) for both Windows and Apple devices, are outlined in pages four to nine of these guidelines.

Minimum Specification Requirements



Windows Laptops

Please refer to the following minimum and recommended specifications when purchasing a Windows laptop device for use within the CSBB BYOD Program.

The minimum specifications identify devices capable of supporting current educational requirements, while the recommended specifications identify devices expected to provide a longer practical lifespan when purchased today.

Devices should meet or exceed the requirements outlined in this document.

	Minimum CSBB can only guarantee support for a maximum of 3 years	Recommended
Screen Size	13" - 14"	
Processor	Intel Core i5 (10th Generation or newer) or AMD Ryzen 5 (4000 Series or newer)	Intel Core Ultra 5 or AMD Ryzen 5 8000 Series (or newer)
	<u>Windows devices with ARM-based processors</u> (e.g. Qualcomm Snapdragon) are not recommended as they may be incompatible with school required applications	
Memory	8 GB RAM	16 GB RAM
Storage	256 GB SSD	512 GB SSD
Wireless	WiFi 6 (802.11ax 2x2)	WiFi 6E (802.11ax 2x2, 6 GHz)
Operating System	Windows 11	
Other	Battery - 6 hr battery life TPM 2.0 (Required for Windows 11)	
		Biometric Technology used for facial recognition (Windows Hello)
Warranty	Warranty coverage where available	5 year warranty with accidental damage protection



Screen Size

13" - 14"

Screens of this size offer an ideal balance between portability and usability. Students can comfortably view content and carry their laptops to and from school without added strain.



Processor

Minimum:
Intel Core i5 10th Gen or
AMD Ryzen 5 4000 Series

Recommended:
Intel Core Ultra 5 or AMD
Ryzen 5 8000 Series (or
newer)

Modern Intel Core i5 and AMD Ryzen 5 processors provide sufficient performance for current curriculum requirements, including web browsing, collaboration tools, document creation, multimedia activities and other common learning tasks.

Recommended processors such as Intel Core Ultra 5 and AMD Ryzen 5 8000 Series offer improved performance, energy efficiency and multitasking capabilities, providing a longer practical lifespan for students purchasing a new device today.



Memory

Minimum:
8 GB RAM

Recommended:
16 GB RAM

8 GB of RAM ensures smooth and efficient multitasking during the learning process. As students engage with various educational applications, web browsers, and productivity tools simultaneously, sufficient memory prevents the device from slowing down or experiencing performance issues.

16 GB of RAM provides greater capacity for future operating system and application requirements, supporting a longer practical lifespan for students purchasing a new device.



Storage

Minimum:
256 GB SSD

Recommended:
512 GB SSD

Having at least a 256 GB Solid State Drive (SSD) of storage in a BYO device is often sufficient for most students' educational needs. It allows for storing class materials, assignments, and software applications without any storage constraints.

512 GB SSD of storage offers significant advantages for students with extensive digital needs. As educational materials become more media-rich and software applications grow in size, the extra storage capacity becomes increasingly valuable.



Wireless

Minimum:
WiFi 6 (802.11ax)

Recommended:
WiFi 6E (802.11ax)

WiFi 6 offers fast data transfer speeds, reduced latency, and improved network performance, enabling students to access online resources, collaborate in real-time, and stream educational content without interruptions.

Whilst WiFi 6 operates in the 2.4 GHz and 5 GHz bands, WiFi 6E adds support for the 6 GHz band, providing more available channels and less interference for faster and more reliable connections.

Operating System



Windows 11

Having an up-to-date Operating System (OS) ensures compatibility with the latest educational software, applications, and security updates. Newer OS versions often provide enhanced features, improved performance, and better user experience, which are essential for students to maximize their learning potential



Battery

Minimum:
6hr battery life

A long battery life ensures that students can use their devices throughout the school day without the need for frequent charging, eliminating disruptions and distractions. It is important for student devices to be fully charged at home overnight.

Warranty



Minimum:
Warranty coverage
where available

Recommended:
5 year warranty with
ADP

Warranty coverage can assist with repairs and support if hardware faults occur. Families are encouraged to maintain warranty coverage where available.

5 year warranty with accidental damage protection (ADP) offers comprehensive coverage against unforeseen accidents that may occur during a student's daily use. While a standard warranty may cover manufacturer defects, ADP goes a step further, ensuring protection against accidental spills, drops, and other mishaps that commonly occur in educational settings.

Other Considerations

Headset

Headsets provide clear audio quality, which is essential for multimedia resources and online learning. Headsets which include headphones and microphone, enhance the educational experience, providing a focused and immersive learning environment for students using their personal devices in the classroom or at home.

Digital Pen (For
compatible touch or
2in1 Windows laptop)

Using a digital pen enhances the student's ability to interact with digital content in a more natural and precise manner. A digital pen allows students to take handwritten notes, draw diagrams, and annotate documents just like they would on paper, promoting a more immersive and tactile learning experience.

Minimum Specification Requirements



Apple MacBook

Please refer to the following minimum and recommended specifications when purchasing a MacBook device for use within the CSBB BYOD Program.

The minimum specifications identify devices capable of supporting current educational requirements, while the recommended specifications identify devices expected to provide a longer practical lifespan when purchased today.

Devices should meet or exceed the requirements outlined in this document.

	Minimum CSBB can only guarantee support for a maximum of 3 years	Recommended
	macOS Sequoia (15) or later	Latest supported version of macOS
MacBook	MacBook Air 13" (M2) 8GB RAM 256GB SSD Warranty coverage (where available)	MacBook Air 13" (M4) 16GB RAM 512GB SSD 5 year warranty with AppleCare+ (where available)

Apple MacBook - Additional Information



Device Model

- Minimum:**
MacBook Air 13" (M2)
- Recommended:**
MacBook Air 13" (M4)

The specified MacBook models provide sufficient performance for current educational requirements including web-based learning, collaboration tools, multimedia activities and document creation.

The recommended model offers greater performance and a longer practical lifespan for families purchasing a new device.



Memory

- Minimum:**
8 GB RAM
- Recommended:**
16 GB RAM

8 GB of RAM is sufficient for current curriculum requirements, including web-based learning, collaboration tools, document creation and multimedia activities.

16 GB of RAM provides greater capacity for future operating system and application requirements, supporting a longer practical lifespan for students purchasing a new device.



Storage

- Minimum:**
256 GB SSD
- Recommended:**
512 GB SSD

256 GB of storage provides sufficient capacity for educational applications, coursework and school resources.

512 GB of storage offers additional capacity and flexibility for students intending to keep their device for a longer period or store larger quantities of content locally.



Operating System

- Minimum:**
macOS Sequoia (15) or later
- Recommended:**
Latest supported version of macOS

Maintaining a supported version of macOS ensures compatibility with educational applications, security updates and learning tools used within Catholic Schools Broken Bay. Newer supported versions may provide additional features, security enhancements and performance improvements.



Battery

- Minimum:**
6hr battery life

A long battery life helps ensure students can use their device throughout the school day without requiring access to charging facilities. Devices should be fully charged at home each day.

Warranty



Minimum:
Warranty coverage
(where available)

Warranty coverage can assist with repairs and support if hardware faults occur. Families are encouraged to maintain warranty coverage where available.

Recommended:
5 year warranty with
AppleCare+
(where available)

A 5 year warranty with AppleCare+ provides additional protection against accidental damage that may occur during a student's daily use. While the standard manufacturer warranty covers hardware defects, AppleCare+ extends coverage and includes protection for accidental damage, helping to reduce repair costs and minimise disruption throughout the life of the device.

Other Considerations

Headset

Headsets provide clear audio quality, which is essential for multimedia resources and online learning. Headsets which include headphones and microphone, enhance the educational experience, providing a focused and immersive learning environment for students using their personal devices in the classroom or at home.

PURCHASING A DEVICE

MacKillop Catholic College does not sell devices directly to families. However, the College has provided below some options for purchasing devices to assist you.

The purchase of devices from specific suppliers is not compulsory, therefore, families may shop around for offers or sales however, it is compulsory that the device meets the minimum requirements specified in this document.

JB HiFi Education BYOD Portal:

www.byod.jbhifi.education

School Code: **MacKillopCC27**

Dell (direct):

www.dell.com/en-au

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