

# BRING YOUR OWN DEVICE (BYOx)

## What device do I need?

You can use a laptop or tablet device as long as it meets the minimum specifications:

- Windows 11 / Mac OS 10.15 or above.
- Minimum 8GB RAM.
- Minimum 11" screen size.
- 128GB Hard Drive or higher.
- Wireless capability (5Ghz band).
- Processor: Intel i3, 8th Generation or newer;  
Or Ryzen 3 or newer.
- Microsoft Office - Students can download this for free.



## RECOMMENDED ACCESSORIES

- Protective Case
- Mouse or Stylus  
(e.g. Apple Pencil)
- Insurance is highly  
recommended

## DEVICES THAT WILL NOT WORK

- Chromebook
- Windows RT
- iPad Mini
- Android Devices
- Windows with less  
than 64GB storage
- Linux OS

## IMPORTANT

BYOx uses Windows "inTune" to support connection to wireless technologies. Students will have a better experience connecting to the school system using a Windows device.



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# *BYO Device Information*

Clontarf Beach State High School recommends that all laptops used by students meet the minimum specifications below to ensure they are suitable for curriculum-based activities. These specifications reflect the requirements for running classroom software and connecting to our BYOx solution, Microsoft Intune.

## **Device Selection**

There is a wide range of laptops available, and selecting the right device can be challenging. Please consider the information below when choosing a device. Devices that meet the school's specifications can be found on the Clontarf Beach SHS BYO portal, though families may choose any device that meets the requirements.

## **Screen Size**

Devices with screens that are too small can hinder learning. Touchscreen devices usually have on-screen keyboards, reducing usable space for viewing documents.

**Years 7 & 8:** 11"–13"

**Years 9–12:** 13" minimum

## **Keyboard**

A physical keyboard improves typing comfort and posture. For touchscreen or tablet-style devices, an external or detachable keyboard is strongly recommended.

## **Portability**

Students must carry their device to school daily and between classes. Weight and size should be considered carefully.

## **Battery Life / CPU**

Battery performance reduces over time (typically 3–5 years). Faster processors use more power. Students can maximise battery life by reducing screen brightness and using battery saver mode.

Minimum battery life: 6+ hours

## Connectivity

Students connect to the Clontarf Beach SHS Wi-Fi for filtered internet and school applications.

Devices MUST support 5GHz Wi-Fi (often labelled Dual Band Wi-Fi).

*Devices without 5GHz cannot connect.*

## Storage

Older-style spinning hard drives (HDDs) are slower and less reliable.

Minimum storage: 128GB

SSD highly recommended for fast startup and improved performance.

Avoid eMMC/SD-only storage — it significantly slows classroom use.

Other Considerations

## Padded Carry Case

A protective case reduces damage and extends device lifespan. A separate case is recommended, not just placing the laptop inside a school bag.

## Mouse or Stylus.

## Backup Solution

Education Queensland provides OneDrive for Business, which securely backs up schoolwork and offers file version history.

Note: OneDrive Personal is blocked at school.

## Virus Protection

Windows 11 includes Windows Defender, suitable for school use.

VPN-based antivirus software interferes with EQ network filtering and is not supported.

- Price

Durability varies. A well-built device, when looked after, may last longer and offer better long-term value.

## Extended Warranty

Many manufacturers offer up to 3-year extended warranties. Families may also consider Accidental Damage Protection.

## Laptop Insurance

Insurance protects against theft and accidental damage (spills, drops, etc.). Please consider checking your Home & Contents Insurance policy for device coverage.

# BYOx Specifications

## Years 7 to 12

*The following minimum specifications must be met for all devices enrolling in the Clontarf Beach SHS BYOx Network.*

### Years 7 & 8

#### Web & Wireless Enabled Device

##### Device Type

- Microsoft Windows laptop
- Apple Mac laptop

##### Operating System

- Windows 11
- macOS 10.15 (Catalina) or later
- iOS/iPadOS 13 or later (Years 7–8 only)

##### Screen Size

- 11"–13"

##### Wi-Fi

- 802.11n or above with 5GHz capability

##### CPU / Processor

- Minimum Intel i3 (8th Generation or newer)
- Minimum AMD Ryzen 3 (or newer)

*(Higher specifications recommended for Years 10–12)*

### Years 9–12

#### Wireless Laptop Computer

##### Device Type

- Microsoft Windows laptop
- Apple Mac laptop

##### RAM

- Minimum 8GB RAM for ALL students
- Recommended 16GB for Years 10–12

##### Storage

- 128GB minimum
- SSD recommended
- External hard drive optional for backups

##### Operating System

- Windows 11
- macOS 10.15 (Catalina) or later

##### Battery Life

- 6+ hours

##### Screen Size

- 13" minimum

##### Wi-Fi

- 802.11n or above with 5GHz capability

##### CPU / Processor

- Minimum Intel i3 (8th Generation or newer)
- Minimum AMD Ryzen 3 (or newer)

*(Higher specifications recommended for Years 10–12)*

### Unsupported Devices

The following devices **cannot be used** at Clontarf Beach SHS:

- Chromebooks
- Windows RT
- iPad Mini
- Android devices
- Windows devices with 64GB storage or less
- Windows 7 / Windows 8 / Windows 8.1
- Linux OS devices

### Important Notes

- Devices must be running Windows 11 or macOS 10.15 (Catalina) or later.
- Devices with unsupported operating systems will not be able to connect to the CBSHS BYOx Network.
- BYOx uses Microsoft Intune for wireless onboarding. Students generally experience better compatibility on a Windows device.
- Microsoft Office – Students can download for free