Bring your own Device (BYOD) Policy

All National Institute of Technology (NIT) students are required to have a laptop that meets the following minimum standards and has minimum software requirements installed.

Having a reliable laptop that meets the minimum specifications is crucial to ensure a smooth learning experience. Whether you're attending interactive forums, collaborating with classmates, completing assessments, or conducting research, your laptop must be capable of handling various software and applications commonly used in learning environment.

General minimum specifications

Processor	A quad-core processor with a clock speed of at least 2.2 GHz is required.
RAM	16GB of RAM or higher is the minimum for multitasking and running multiple applications simultaneously. 32GB is recommended for ICT or Engineering students.
Storage	A minimum of 256GB solid-state drive (SSD) is recommended to ensure fast boot times and smooth performance. 512 GB SSD is recommended
Operating System	Windows 10+ or macOS (latest version & updates) is required to run most required software effectively. Windows 10+ is recommended.
Display	A 13-inch or larger display with a resolution of at least 1920x1080 pixels is required for comfortable viewing.
Battery Life	Aim for a laptop with a battery life of at least 6 hours to ensure it lasts throughout your study sessions. The recommendation is 8 hours for students undertaking/attending full-day training classes.
Wi-Fi	Ensure that your laptop supports the latest Wi-Fi standards 802.11ac (Wi-Fi 5 or Wi-Fi 6) for fast and reliable internet connectivity.
Bluetooth	The device will need built-in Bluetooth capability
Peripheral Connectors	Your laptop may need to connect with peripherals like mice, keyboards, headphones, battery packs, and more. The device will need a built-in USB or USB C connector (having multiple is recommended).
Built-in webcam, microphone	Look for a laptop with a built-in user-facing microphone and webcam so that you can participate in online collaborations.

The estimated cost of the laptop with the above-mentioned specifications ranges from AUD $800 to $1600 for a new device.

The following devices cannot be used as the primary device for learning and assessment activities:

- Smartphones
- Android tablets
- iPads & Tablets
- Chromebooks

Installing software

Ensure that your laptop is capable of installing the software as required for your studies at NIT. It is essential to have administrative access to install and update software packages and tools provided by NIT, and it's important to ensure you have sufficient disk storage to accommodate the software and associated files.

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Updates, maintenance and review of specifications

To ensure your device will work with NIT technologies, enable automatic updates to your operating system, browser, and software whenever possible. Remember, maintaining up-to-date software and ensuring regular installation of security patches, amongst other adherence, is an ongoing responsibility you have as outlined in NIT's [Acceptable Use of IT Resources Policy](). By doing so, you can ensure a safer, more efficient, and productive computing experience throughout your learning journey at NIT.

Throughout your studies at NIT, technology advances will continue to be released. It is your responsibility to maintain compatibility with evolving technology standards. It is recommended that students who plan to study for several years review these minimum specifications every few years to ensure their device still meets the necessary standards.

Laptop issues and repairs

Having a laptop with a sufficient warranty would be beneficial. NIT's IT support team focuses on NIT-supplied software and on-campus connectivity troubleshooting. The team does not have the resources or expertise to handle hardware or other issues for personal devices. If you encounter hardware problems such as a malfunctioning keyboard or a broken screen, it is advisable to contact your device supplier or seek assistance from a professional technician. They will have the necessary expertise and resources to address hardware-related concerns effectively. For software-related troubleshooting, IT support can provide general guidance and assistance to resolve issues.

Note: NIT does not have a loan service for laptops. Backup devices are only available as failure replacements for your primary laptop during assessments and exams, and only on a first-come, first-served basis (Limited laptops are available for this purpose.