Bachelor of Design

2020 Bring Your Own Device (BYOD) hardware requirements - PRINTABLE

The University of Auckland has a competitive purchase agreement with PB Tech. PB Tech provides an up-to-date list of machines matching the highly recommended, recommended and minimum specifications outlined below. The PB Tech team will be pleased to help you sort through any questions you may have. We encourage you to refer to the specifications outlined below when deciding on a laptop. We recommend you arrange personal insurance to cover damage and loss of your device and a warranty that will cover the duration of your study.

Highly recommended specifications

This specification will enable you to complete every aspect of your Design coursework, including high performance prototyping and development applications such as Blender for graphical production and Unity for dynamic interactive projects.

For this option, these are the specifications:
- Operating System: Windows 10, Mac OS 10.14 (or higher)
- Processor: Intel i7 6-core Processor or AMD equivalent
- Memory: 16GB RAM
- Hard drive: 512GB
- Graphics card: Intel RTX
- Screen: 15 inches
- Connectivity: WIFI and LAN
- Ports: one USB 3.0 port
- Battery life: 6-8 hours from one charge
- Mouse (may be wireless)
- Preferably light and robust
- A protective carrying case

Recommended specifications

This specification will enable you to perform video editing, such as graphical and motion development. Many designers present their ideas and prototypes using visuals, documents and videos. This computer will allow you to do that. However, increasingly, designers are expected to be familiar with more complex production environments such as virtual and gaming environments. If you want to learn how to do this kind of work, this computer may limit your options.

For this option, these are the specifications:
- Operating System: Windows 10, Mac OS 10.14 (or higher)
- Processor: Intel i7 quad-core Processor or AMD equivalent
- Memory: 16GB RAM
- Hard drive: 256GB
- Graphics card: Intel GTX
- Screen: 15 inches
- Connectivity: WIFI and LAN
- Ports: one USB 3.0 port
- Battery life: 6-8 hours from one charge
- Mouse (may be wireless)
- Preferably light and robust
- A protective carrying case

Minimum specifications

This specification will enable you to use simple graphics apps such as some basic Adobe products but will limit your ability to contribute comprehensively to your courses. Designers who have a 'minimum specification' laptop to carry around will normally have a desktop computer in their studio with components matching the more recommended machines listed above, to do their more complex design and development work. Desktop computers are often more reasonably priced and dollar for dollar normally have higher capabilities than laptops.

For this option, these are the specifications:
- Operating System: Windows 10, Mac OS 10.14 (or higher)
- Processor: Intel i5 Processor or AMD equivalent
- Memory: 8GB RAM
- Hard drive: 128GB
- Graphics card: Standard Intel
- Screen: 13 inches
- Connectivity: WIFI and LAN
- Ports: one USB 3.0 port
- Battery life: 6-8 hours from one charge
- Mouse (may be wireless)
- Preferably light and robust
- A protective carrying case

The University of Auckland has taken all steps to ensure that the information on these pages is correct but please note that changes may occur.
Please refer to www.design.auckland.ac.nz or call 0800 61 62 63 for updated information.