

## Laptop requirements

This is a Computer Science programme with practical elements so you are required to bring a laptop to classes. The minimum requirements are listed below.

Please note that there are items in these requirements that are listed as recommended. These recommended configuration options are not required. They are recommended because they will make your laptop more powerful and versatile, with a longer effective lifespan, but a laptop that meets the minimum requirements will be sufficient – but sometimes slow.

**Note that a tablet such as a Microsoft Surface or Apple iPad with a keyboard is not sufficient for the Computer Science curriculum.**

Hardware	Minimum Requirements	Recommended
CPU	Quad Core (not counting hyper-threading) 2.4Ghz, Intel VT or AMD V (Intel i5/AMD Ryzen 5 or better)  A local virtualisation environment (Virtual Box/VMware or equal) must be supported.	Intel i7/AMD Ryzen 7
Memory	8 GB	16 GB  The ability to install more memory is desirable.
Disk	256 GB SSD	512 GB SSD or larger
WiFi	Any card that supports 802.11 ac protocols and WPA2 Enterprise	

Further

Operating system	The ability boot in both Windows and Linux is necessary. If a system can run these operating systems in a local virtualisation environment (Virtual Box/VMware or equal) with only a minor performance impact this is also acceptable.
Installs	Students must be able to install software on the computer they will use for courses.
Microsoft Office	Provided to all NBCBC students  Students should be able to run these programs either on their system or access the web versions