### Below are several considerations you may want to keep in mind when selecting computers for your library.

### **Purchasing/Justification:**

* Make sure CPU is appropriate to intended use and Software. Software companies can be inconsistent with how they label their recommended CPUs.
* Graphics cards come in two broad categories integrated and discrete. Websites may not publish what the integrated graphic card is being used for the system on the store page.
* Solid state drives are more efficient than hard drives. The less you plan on storing long term the less storage you need.
* For computers with operating systems listed, other choices may also be appropriate depending on project but needs to be justified.

### **Power users:**

* Make sure CPU is appropriate to intended use and Software. Software companies can be inconsistent with how they label their recommended CPUs. Higher end processors are better for heavier workloads.
* Look for mid-range to high range performance for GPU modeling and simulations. Software sometimes has recommended/ required resolutions, 4k is preferable for detailed work. Dual Monitor sets up are optional.
* Appropriate RAM depends on intended use 16 GB is recommended for lighter tasks whereas 32 GB is more appropriate for intensive tasks and multitasking.
* Keep in mind what files you intend to store on the system and what software you intend to install.

### **General User:**

* i5 serves as a good baseline, more or less powerful CPUs can be used if justified in project.
* MOREnet suggests that OPAC/ Patron Use computers do not require a discrete graphics card.
* Appropriate RAM depends on intended use, 8 GB is sufficient for basic tasks, 16 GB improves responsiveness.
* Full HD is 1920 x 1080. It is important that the amount of physical space available is considered. Prioritize patron comfort.

### **Laptop:**

* i5 serves as a good baseline, more powerful or less CPUs can be used if justified in project.
* MoreNet suggests that OPAC/ Patron Use computers do not require a discrete graphics card.
* Appropriate RAM depends on intended use, 8 GB is sufficient for basic tasks, 16 GB improve responsiveness.
* Full HD is 1920 x 1080. Consider portability when it comes to your purchase.

### **Chromebook:**

* There are a lot of different processors available for chrome books, consider the intended use and budget, and compare it to the power relative to an i3. Weaker or stronger processors may be justified depending on use.
* MOREnet suggests that OPAC/ Patron Use computers do not require a discrete graphics card.
* More RAM is available, consider what software/apps you plan to run on it.
* The more you plan to rely on cloud storage. The less you need to have on system storage. Avoid EMMC storage if possible.
* Chrome books are retired from support after 10 years – make sure you note when the exact model you are purchasing is set to retire: [Auto Update policy - Chrome Enterprise and Education Help](https://support.google.com/chrome/a/answer/6220366?hl=en).