

## 2021-2021 Minimum & Recommended Computer Requirements

UCLA DMA has a laptop recommendation that we very strongly encourage our incoming and continuing students to use in order to maximize their education and experience.

Below you will find the MINIMUM and RECOMMENDED laptop specifications for laptop computing at Design Media Arts, UCLA. These specifications should be used as a guide when making decisions for purchasing a laptop.

We are not recommending purchasing Mac computers until the new Apple Silicon architecture is more mature.

We very strongly recommend that all students have their own laptop. This will be helpful in the classroom, during labs, and working on assignments outside of class time.

**REQUIRED SOFTWARE** Adobe Creative Cloud Complete (12-month free membership for UCLA students.)

### RECOMMENDED LAPTOP HARDWARE

<b>Processor Type</b>	Minimum: Intel Core i5 - i9 processors
<b>Screen size</b>	Minimum: 15"
<b>Memory</b>	Recommended: 16GB - 32GB RAM
<b>Hard Drive</b>	Recommended: 1 TB NVME Solid State Drive
<b>Insurance</b>	<a href="#">4 year product protection plan</a>

### RECOMMENDED ACCESSORIES

External Hard Drive, minimum USB 3.0. Recommended for data backup in case of computer failure.  
 External 4K Monitor and cable for working at home.  
 Three-button mouse for 3D software.

**FREE anti-virus software** <https://www.it.ucla.edu/it-support-center>

### PC Laptops good for 3D Rendering and VR

Brand	Price	Proc	Graphics	Memory	Screen	Resolution
Dell Alienware m15 R4	\$1,800	i7	Nvidia GeForce RTX 3080	16GB	15.0"	1920x1080
Lenovo Legion 7i	\$1,880	i7	Nvidia GeForce RTX 2070	16GB	15.6"	1920x1080
Razer Blade Pro	\$3,100	i7	Nvidia GeForce RTX 3080	32GB	15.6"	3840x2160

### Optional Desktop PCs for home use in addition to the laptop

Dell G5	\$2000	i9	Nvidia GeForce RTX 2060	32GB
Dell Alienware Aurora R12	\$3100	i9	Nvidia GeForce RTX 3080	32GB

**Advanced Processor Advise** Avoid purchasing T, U or Y designated intel i5 - i9 chips as those are lower power chips that are severely underclocked.

The computers listed are example configurations to use as a reference.