

Minimum Laptop/Desktop PC Recommendations

Hardware component	Specification	Comments
Processor	Intel Core i5 (minimum), AMD Ryzen 5 (minimum), quad core or Apple M1 (minimum)	At least 2.4 Ghz of speed
Display	1920 x 1080 pixels resolution minimum	15 inch screen preferable
Storage	512GB SSD hard drive minimum, also external hard drive for making backups recommended (512GB minimum, SSD)	SSD = Solid State Drive Anything smaller than this may not be sufficient.
Network	WIFI types a, c, Ethernet port (10/100/1000BASE-T Gigabit Ethernet)	
Memory	8 GB RAM minimum	RAM=Random Access Memory
Video card	2 GB of memory minimum, gaming support, HDMI output recommended	
Operating system	Windows 10 (preferable), Mac OS, or Ubuntu	

Some examples of laptop and desktop PC models meeting the above requirements:

Make	Models
Apple/Mac	MacBook Pro Series (15" or greater), Mac Mini, iMac quad core Macbook Air M1 (minimum)
IBM/Lenovo	ThinkPad L15 Gen 2 Intel laptop
HP	HP Envy 15" x360 or similar
Dell	i5680-5842BLU-PUS Inspiron Gaming Desktop 5680 or similar

NOTE: You are likely to buy more than the required laptop over the course of your studies. Future purchases may address more specialized requirements (e.g. video game development) in years to come.