

# Computer Requirements

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The following information provides the minimum and recommended requirements for a computer at Cal Lutheran.

## PC

### Desktop

- Processor: Intel® Core™ i5
- Operating System: Windows 7 Professional English/French 64bit or Windows 8.1 Pro license
- Memory: 8GB Memory
- Hard Drive: 500GB (7.200 RPM) Hard Drive
- Graphics Card: Intel® Integrated Graphics (Optional)
- Warranty: 3-Year Hardware Service.
- 8x DVD-RW/CD-RW (Optional)

### Laptop:

- Processor: Intel® Core™ i5-
- Operating System: Windows 7 Professional English/French 64bit or Windows 8.1 Pro.
- Memory: 8GB Memory
- Hard Drive: 500GB 7,200 Rpm Hard Drive
- Graphics Card: Intel® Integrated HD Graphics. It can be different.
- Warranty: 3-Year Hardware Service.
- Bluetooth Included
- Integrated HD Camera
- Wireless Included
- 8x DVD-RW/CD-RW (Optional)

## Mac

### MacBook Pro:

- Processor: 2.2GHz quad-core Intel Core i7 processor
- Memory: 16GB of 1600MHz DDR3L onboard memory.
- Display: Retina display: 15.4-inch (diagonal) LED-backlit display with IPS technology; 2880-by-1800 resolution at 220 pixels per inch with support for millions of colors.
- Storage: 256GB PCIe-based flash storage.

- GPU: Intel Iris Pro Graphics: AMD Radeon R9 M370X with 2GB GDDR5 memory.
- Camera: 720p FaceTime HD camera.
- Wireless: 802.11ac Wi-Fi wireless networking; IEEE 802.11a/b/g/n compatible, and Bluetooth 4.0 wireless technology.
- Audio: Stereo speakers, Dual microphones, Headphone port, Support for Apple iPhone headset with remote and microphone, Support for audio line out (digital/analog).
- Box Contents: 85W MagSafe 2 Power Adapter, AC wall plug, and power cord.
- Limited Warranty and Service: Your MacBook Pro with Retina display comes with 90 days of free telephone support and a one-year limited warranty. Purchase the AppleCare Protection Plan to extend your service and support to three years from your computer's purchase date.

## **iMac**

- Processor- 1.6GHz dual-core Intel Core i5 (Turbo Boost up to 2.7GHz).
- Memory- 8GB of 1867MHz LPDDR3 onboard memory.
- Display-21.5-inch (diagonal) LED-backlit display with IPS technology; 1920-by-1080 resolution with support for millions of colors.
- Storage- 1TB (5400-rpm) hard drive or 256GB of flash storage (SSD).
- Graphics- Intel HD Graphics 6000.
- FaceTime HD camera.
- Audio- Stereo speakers, Dual microphones, 3.5 mm headphone jack, Headphone/optical digital audio output (minijack), Support for Apple iPhone headset with microphone.
- Wireless- IEEE 802.11a/b/g/n compatible, Bluetooth 4.0 wireless technology.
- Box Contents: 85W MagSafe 2 Power Adapter, AC wall plug, and power cord.
- Limited Warranty and Service- Your MacBook Pro with Retina display comes with 90 days of free telephone support and a one-year limited warranty. Purchase the AppleCare Protection Plan to extend your service and support to three years from your computer's purchase date.

Although Cal Lutheran cannot tell you which computer to purchase, below we have provided some links to certain brands. If you have questions regarding a specific computer, please feel free to contact the Help Desk for further assistance.

- [Apple](#) (Apple gives an education discount on certain products. Please click on the link for further information)
- [Asus](#)
- [Dell](#)
- [HP](#)