# Computer and Tablet Minimum Requirements

We recommend that your computer meet or exceed the specifications below. Higher-end computers with greater capability (processor speed, RAM, disk capacity) and expandability will be more likely to continue to run required software in later years. Items can be ordered from any site or the Apple or Lenovo store directly.  The links are for your convenience.

## APPLE COMPUTER: 13-inch MacBook Pro

**Apple M1 Chip with 8-Core CPU and 8-Core GPU**

**512GB Storage**

## MINIMAL ACCESSORIES:

- Apple M1 chip with 8-core CPU, 8-core GPU, and 16-core Neural Engine
- 8GB unified memory
- 512GB SSD storage[1]
- 13-inch Retina display with True Tone
- Magic Keyboard
- Touch Bar and Touch ID
- Force Touch trackpad
- Two Thunderbolt / USB 4 ports

    https://www.apple.com/shop/buy-mac/macbook-pro

## PC COMPUTER: 13-inch

**PC Computer - LENOVO or ASUS**
- Intel Core i7 or AMD Ryzen 7 or higher
- 512GB SSD Storage
- 8GB unified memory
- 13-inch display
- USB 4 ports

## OPTIONAL ACCESSORIES:

- USB-C Digital AV Multiport Adapter - Highly Recommended
    https://www.apple.com/shop/product/MJ1K2AM/A/usb-c-digital-av-multiport-adapter
- Magic Mouse 2 -
    https://www.apple.com/shop/product/MLA02LL/A/magic-mouse-2
- WACOM TABLET INTUOS PRO, WACOM ONE, CINTIQ or IPAD PRO
    https://us-store.wacom.com/Catalog/Pen-Tablets/wacom-intuos-pro