**Computer**

- **Computer manufacturer and model number:** HP Z820
- **Processor manufacturer and model:** Intel® Xeon® E5-2697 v2
- **Processor clock speed in GHz:** 2.7
- **Number of processors or processor cores:** 12
- **RAM size in GB:** 16 GB
- **Hard disk size in GB, TB, etc.:** 1 TB
- **Number and type of expansion slots (e.g., PCI):** 2 PCI Express Gen3 x16; 1 PCI Express Gen3 x16 (Available only with 2nd CPU); 1 PCI Express Gen3 x16 mechanical/x8 electrical; 1 PCI Express Gen3 x8 mechanical/x4 electrical; 1 PCI Express Gen2 x8 mechanical/x4 electrical; 1 Legacy PCI
- **Number and type of peripheral ports, including version or bit rate (e.g., 4 x USB 3):**
  - **Front:** 2 USB 3.0, 1 USB 2.0, 1 IEEE 1394a standard, 1 microphone in, 1 headphone out, HP 22-in-1 Media Card Reader (optional)
  - **Rear:** 2 USB 3.0, 4 USB 2.0, 1 IEEE 1394a, 1 audio in, 1 audio out, 1 microphone in, 2 PS/2, 2 RJ-45 to integrated Gigabit LAN, 1 serial
  - **Internal:** 6 USB 2.0 ports available by three 2x5 headers
- **Number of displays supported by built-in display adapter and their connector formats:** 7
- **Price:** $9,999.00

**Camcorder**

- **Manufacturer and model:** Canon XA20E
- **Maximum bit rate listed (in Mbps):** 28
- **Connector format for computer, or if it records on to a storage card, the card format:** 2 x SD/SDHC/SDXC
- **Price:** $2,399.00

**External Hard Drive**

- **Manufacturer and model:** ioSafe SH4000GB1YR
- **Capacity:** 4 TB
- **Interface:** USB 2.0 / eSATA
- **Price:** $765.99

**TOTAL:** $12,398.00 + 765.99/24 mo.
Storage Plan

About 10 hours of raw footage
   10x22 = 220 GB/hr
About 8 projects
   220x8 = 1760
So a 4 TB external hard drive would be used and I would probably copy files to Google Drive.
I would probably store finished projects regularly on the external hard drive.
Since I’m completing 8 projects a year I would need a new harddrive about every 24 months.