Part 1:
- Apple iMac (27”) ME089XX/A
- Intel Core i5, Intel core i7
- 3.5 GHz → Turbo Boost 2.0 can increase that to 3.9 GHz
- 2 cores that can create 8 virtual cores through hyper-threading in the Core i7
- 32 GB
- 1 TB
- 256 GB of flash storage
- 4 x USB 3, 1 SDXC card slot, 10/100/1000 Base-T Gigabit Ethernet Connector, 1 headphone slot, 2 Thunderbolt ports
- Up to 6 display connector formats; thunderbolt buses, HDMI

Price: $2,999.00

Audio Equipment:
- Lynx Aurora 16-VT w/LT-TB option
- Up to 16 simultaneous balanced inputs
- 0 mic pre-amps
- 0 instrument level inputs
- connection type: Thunderbolt (24-bit resolution)

Price: $3,395.00

Backup:
- AirPort Time Capsule
- 2 TB
- Wireless connection

Price: $299.00

Part 2

1) 8 MB/min x 200 min = 1600 MB
   (I am roughly estimating that for one 60 minute album, about 200 minutes of audio is recorded)
2) At the most, ~15 projects at once. 15 x 1600 = 24000 MB or 23.4 GB
3) I will set up a wireless AirPort Time Capsule – 2 TB; it wirelessly and securely backs up data daily.
4) ~30 projects a year; 2 TB / 23.4 GB = 87.52 projects. This means that I could store all data for projects for about 3 years. However, complete albums only hold ~60 minutes of audio, meaning that each project could be only 480 MB. If I only hold finished albums, 2 TB / 480 MB = 4,369.07 albums. I could hold project for many years. This is a much better investment than a program like DropBox, which charges much for small amounts of data.