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Dr. Morris

Perf. 202

11 Feb. 2014

Computers Assignment

Computer: Apple MacBook Air 13’
Processor: Intel i5
   Speed: 1.3 Ghz
   Cores: 2 (dual core)
RAM size: 8GB
Hard Disk: 256GB
   Expansion: PCIe Flash Storage
Peripheral Ports:
   • 2x 3.0 USB ports (up to 5Gbps)
   • Thunderbolt port (up to 10Gbps)
   • SD card slot
Displays:
   • Intel HD Graphics 5000 processor
   • Dual display and video mirroring: up to 2560 by 1600 Pixels
Price: $1,174.99

Camcorder: Cannon XA10 HD
Max Bit Rate: 24Mbps
Connecter:
   • Memory Card SD card
   • Mini-B USB 2.0
Price: $1,499.00

SD Memory Card: SDXC
   32GB up 2 TB
   Mnf: Sandisk
Price: $33.19

Hard Disk Drive: Seagate Backup Plus
   Mnf:STCB3000900
Price: $129.99
Storage Plan:

1. I figured an average video project would take about 1.5 hours of film. With two drafts, a final copy and an extra 1.5 hours for multiple takes. This comes to a total of about 6 hours. My memory card can hold up to 11 hours of film, so it uses about 2.9GB per hour. With the full 6 hours of the project this will use about 17.4GB of data in all.

2. I figure the largest number of long-term video project I would need to keep open all at once would be 5. This would require 86GB of data. The max on my hard disk is 256GB.

3. For these projects I will be using a Mac computer so I will be using the Time Machine feature for my back-ups. Time Machine backs up your computer and external drive (memory card). It keeps spare copies of your files and lets you revisit what your files looked like on the day you were first working on them.

4. To archive my work I plan to move them regularly to hard disk drives and store them in the safest place I can think of, that being, a safety deposit box. I estimated a total of about 10 full projects in one year (about 172.0GB of data). The hard drive I chose can store up to 1024GB of data, which would be plenty.