

## Option D

### 1 good stereo workstation, backed-up storage and a fast network to access it, and money left over

	Quantity	Cost Per	Total	
<u>Workstation</u>				
CPU: Q9300 quad-core Yorkfield @ 2.5 GHz – 95W	1	285	285	
RAM: OCZ Reaper 2GB (2x1GB) DDR3 1333 (cas latency: 6)	1	140	140	
HDD: Western Digital 150GB 10K RPM SATA	1	170	170	
DVD: Philips 20x DVD+/-R burner	1	25	25	
Case: RAIDMAX Sagitta 2 ATX-928WBP w 450W PSU, 2x 120mm fan	1	75	75	
CPU fan: Thermaltake CL-P0372 92mm – 16 dB	1	25	25	
Arctic Silver 5 thermal compound	1	5	5	
Motherboard: Gigabyte GA-EP35-DS3R	1	120	120	
				<b>845</b>
<u>Stereo</u>				
Glasses + emitter: Use from Penelope	1	0	0	
Monitor: Dell/HP/Compaq p1230 – stereo 1440x1050@120Hz (used)	1	150	150	
GPU: Nvidia Quadro FX 1400 – 75W (used)	1	50	50	
				<b>200</b>
<u>Network-attached storage: 1 TB in RAID 1</u>				
NAS: 2-bay D-Link DNS-323	1	180	180	
HDD: Western Digital Caviar 1 TB 5400-7200 RPM	2	200	400	
				<b>580</b>
<u>Gigabit network</u>				
Switch: 24-port Netgear JGS524	1	175	175	
Cables: Cat5e	20	4	80	
				<b>255</b>
<u>Misc</u>				
Shipping	2	50	100	
				<b>100</b>
<b><u>Grand total</u></b>				<b>1980</b>

**Possible savings:** Kentsfield CPU (\$50), 7200 RPM HDD (\$100)