Katya Bespartochna
Cairn University School of Business
CIS 241 Managing and Maintaining PCs

Project objective:

A professional photographer is opening a studio with 5 employees. Each will need a computer capable of storing and sharing images after they have been processed to remove blemishes and adjust for lighting defects. Each employee will have a full copy of Adobe Creative Cloud Photography on their computer. Storage and RAM tend to be more important concerns than CPU power.

Equipment used:

Equipment Description	Vendor	Vendor Item #	Retail price
Processor	Newegg	9SIA4YU88T5667	$246.99
Memory stick	Newegg	N82E16820233970	$395.99
hard drive	Newegg	N82E16820147674	$77.99
keyboard and mouse	NeweggBusiness	9B-23-126-097	$14.99
monitor	Newegg	354-002V-00003	$169.83
			905.79

Detailed list of software and operating platforms used, including version numbers and licensing requirements:

Intel Core i5-6600K 6M Skylake Quad-Core 3.5 GHz LGA 1151 91W BX80662I56600K Desktop **Processor** Intel HD Graphics 530

CORSAIR Vengeance LPX 64GB (4 x 16GB) 288-Pin DDR4 SD**RAM** DDR4 2400 (PC4 19200) AMD X399 Compatible Desktop Memory Model CMK64GX4M4A2400C16

SAMSUNG 860 EVO Series 2.5" 250GB SATA III 3D NAND Internal Solid State **Drive** (SSD) MZ-76E250B/AM

Logitech MK120 920-002565 Black USB Wired Standard **Keyboard & Mouse**

Philips 243S7EJMB 23.8" **monitor**, Full HD 1920x1080 IPS panel, 101% sRGB coverage, HDMI/DisplayPort/VGA, Audio in/out, Built-in speakers, USB 2.0 hub, SoftBlue, Flicker-Free, Narrow borders, LowBlue mode, Ergonomic base, VESA compatible

Rationale:

The photographer client needs a computer that has a lot of memory and great graphics. There is lower emphasis on the processing power but there still needs to a lot of it there. That is why the Intel Core i5-6600K is best suited for a company with 5 employees working in it. The CORSAIR Vengeance memory sticks have the maximum capacity of RAM which is needed for working with working with as much images they employees. Since the employees will most likely be working bight daylight, a standard Logitech keyboard and mouse will be suitable for editing photos. One of the best monitors to buy is the Philips 243S7EJMB 23.8 inches monitor which has USB ports and has a low Blue light mode which is useful for staring at photos while working with them for a long time.