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Assignment 1

What are the TOP two (2) MOST important computer parts you would need to consider for the team computers and why?






As the leader of a multi-media developer team, choosing the appropriate devices for the position would be very crucial for success in the company. The top two most important computer parts I would consider would be the CPU (Core Processing Unit) and RAM (Random Access Memory). For any task on a computer the CPU is important as its basic property is to decode information, and its primary function is editing. This would consider the CPU a key piece in the computer for graphic designing, animations and creating promotional material.

The CPU accesses information from the RAM which makes the second part as equally important. RAM constitutes as the memory of your computer and the more memory you can obtain the faster the computer will be and the easier it will be to run every program necessary, for example; adobe illustrator and photoshop.

For these computer parts that you identified in the previous question, what general specifications would you recommend and why?

For the parts previously mentioned, I would recommend for the CPU an i5 with a minimum clock speed of 3GHz with 6 cores. Although an i9 would be the best part for graphic designing,

an i5 is most cost efficient, and you could meet the necessary requirements due to the clock speed and amount of cores. As for the RAM, I would advise at least 8GB to have a good performance, however for the most optimal results, 16GB-32GB would be most efficient.

 SW#: 16816	AMD Ryzen 5 2600, 6-core 3.4G/3.9G Max AM4 65W AMD RYZEN 5 2600 (2nd gen) 6-Core 3.4 GHz (3.9 GHz Max Boost) Socket AM4 65W [YD2600BBAFBOX] (3Y) Desktop Processor	199 \$	1	199 \$	⊗
 SW#: 16857	Kingston HyperX Fury 2666MHz 8GB Red Kingston HyperX Fury 8GB DDR4 SDRAM Memory Module 8 GB (1 x 8 GB) - DDR4 SDRAM - 2666 MHz DDR4-2666/PC4-21300 - 1.20 V - Non-ECC - Unbuffered - 288-pin - DIMM [HX426C16FR2/8] (lifetime warranty)	54 \$	1	54 \$	⊗
 SW#: 16835	Asus B360M-C/ CSM, LGA1151, DP,HDMI, VGA Asus Prime B360M-C/CSM Desktop Motherboard - Intel Chipset - Socket H4 LGA-1151 Micro ATX - 1 x Processor Support - 64 GB DDR4 SDRAM Maximum RAM HDMI - 7.1 Audio Channels - Gigabit Ethernet - 2 x PCI Express x1 Slots - 1 x PCI Express x16 Slots - 6 x USB Ports - VGA - DisplayPort - 2 x M.2 Interfaces - 6 x SATA [PRIME B360M-C/ CSM] (3Y)	119 \$	1	119 \$	⊗
 SW#: 16945	Samsung 970 Plus 500GB NVMe SAMSUNG 970 EVO PLUS 500GB Internal SSD. up to 3500MB/s read and 3300MB/s write speed MZ-V7S500B/AM	169 \$	1	169 \$	⊗
 PHOTO FOR REFERENCE SW#: 16722	GeForce GTX1060 3GB GDDR5 ASUS Introduces the DUAL-GTX1060-O3G Graphics Card, NVIDIA GeForce GTX 1060, PCI Express 3.0, 3GB GDDR5, Powered by NVIDIA Pascal, the Dual-fan GTX 1060 delivers cool overclocked performance with a 1809 MHz Boost Clock and patented wing-blade fans shrouded in white to match ASUS motherboards. GPU Tweak II with XSplit Gamecaster provides ultimate monitoring and streaming control, while Super Alloy Power II provides precise power delivery. - B/O	300 \$	1	300 \$	⊗



SW#: 6771

Blackmagic Design Intensity Pro HDMI & Analog Input/Output PCI-E

Blackmagic Design Intensity Pro (BINTSPRO) HDMI Input/Output Capture Card - PCI Express (PCI-E x1) - 1 x HDMI Input, 1 x HDMI Output - 2 Channel HDMI Audio Input/Output - Analog Video Input/Output: (Component, NTSC, PAL or S-Video) - HD Format Support: (1080p24, 1080p25, 1080i50, 1080i59.94, 720p30, 720p59.94, 720p60) - HDMI Video Sampling/Color Precision: 4:2:2 - Supports Adobe Premiere Pro & Final Cut Pro - Retail Box - (1Y) - **B/O**

262 \$

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262 \$



SW#: 6541

Antec Sonata III 500 Mid Tower 500W Black Ultra Quiet

Antec Sonata III 500 Mid Tower Case, Antec EarthWatts 500 Watt ATX12V 2.0 Power Supply, 3x5.25" Ext Bay, 2x3.5" Ext Bay, 4x3.5" HD Bay, Case Fans: [2x120mm (1 Inc.)], Ports: (2xUSB, 1xSATA), **Piano Black** - (3Y)

172 \$

1

172 \$



Total avant taxes: **1,275 \$**