THE ULTIMATE SKETCHUP PC

PETE STOPPEL BUILDS THE PERFECT PC FOR SKETCHUP AND RENDERING

I have been looking all over for a good machine built by a reputable company as I have had several built by many different companies over the years.

Some have been good and others not so good. So I decided to source the ultimate machine for SketchUp and photorealistic rendering. I got a lot of information from my industry peers, and besides the normal big companies, I started seeing a name pop up time and time again. J&N Computer Services

I researched them on the net and compiled a series of reviews and ratings and I checked with BBB (better business bureau) and all the customer comments were exceptional.

So I have approached them with a proposition with **the aim to source a saving for SketchUcation members by purchasing in bulk**. The result? Yes, but only to those living in the United States.

They were very helpful on the phone and went out of their way to create a perfect setup for what we need, a lean mean 3D machine, top of the line without breaking the bank. These guys build machines designed specifically for the end users needs, they build render farm servers to gaming rigs and in our case a machine that will be powerful to handle all 3D modeling, video compiling, animations, rendering even GPU based rendering, this is the best all round rig at the price available.

Check this out

IN THE BUILD

Chassis Antec 302 - Is one of the best sub $75.00 chassis available with top front panel connections, and can accommodate this build physically and thermally without any problem.
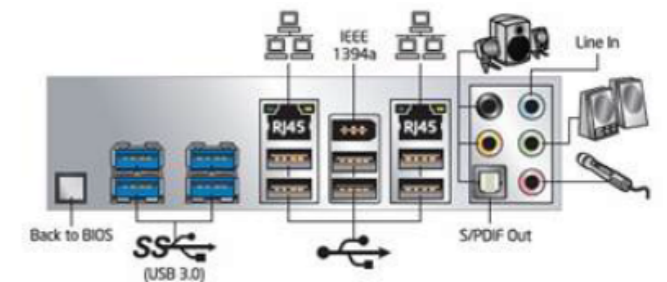

Cooler Master Silent Pro 850 watt - I have personal experience with this sup-

ply and couldn't be happier with the results. It's very quiet even under load and the voltages stay very stable even with overclocking.

Intel DX79SR - This board, for the money, is one of the best available and capable of handling up to 8 SATA devices, multiple video cards, and is backed by Intel - World class support!
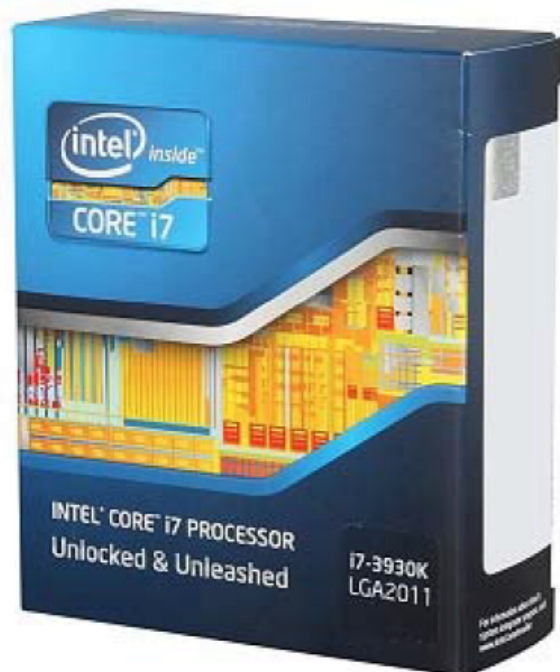
- Rear Panel I/O is laid out like so:

Check this out

CPU Chipset Intel i7 3930 - Socket2011, 6 core (12 threads) @ 3.2Ghz

CPU Cooler Gelid Tranquillo - Excellent cooling capabilities, more importantly the mounting is very secure and is well balanced, not to cause additional stress on the motherboard. It's hard to tell from the picture but the fins are actually dimpled giving it a significant advantage to the competition.

Memory - The memory listed is very specific for the X79 chipset. The memory is certified by Intel for maximum stability &

capacity. It is tested with all other types of memory that aren't on the certification list including Mushkin, Kingston, G.Skill, & Patriot. When all the slots on the board are populated with uncertified ram running over 1600MHz speed very strange and inconsistent things would happen, including not booting, showing a memory failure, and in some cases not recognizing all the installed ram. Having the Corsair vengeance memory set this way 4 x 8GB give the user 32GB of memory with the option to expand to 64GB without hassle.

Primary SSD Boot Drive - Samsung Pro 840. Samsung is the best option for this configuration. Also has a 5 year warranty. Prices will vary based on size you require either 120GB, 250GB or even the 500GB.

Secondary HDD - Western Digital Black 2TB SATA 6.0GB/sec – Excellent quality drive and fantastic customer service.

Video card EVGA GTX 680 4GB - The thing to know about video cards is that most all are based off a reference design by nVidia, what differs is cooling, connectivity, and customer support. EVGA has excellent warranty and support (3 years w/ online registration). EVGA has proven

to offer a quality product, and stands behind it! This particular card offers a back plate to stiffen the card as well as a nice array of monitor connections.

Optical drive LG DVDRW - Plain Jane no frills, but reliable and cost effective.

Operating system - Windows 7 professional 64 Bit– I am still recommending 7 over 8 at this time until 8 releases their first service pack to fix any compatibility issues. Windows 7 Home Premium 64 bit would not be ideal for this configuration due to its memory limitation of 16GB. Windows 7 Pro and Ultimate lift the memory restriction allowing one to use up to 192GB of memory.

WANT ONE?

Join the SketchUcation discussion. By buying in bulk we can make incredible savings and can have a machine that will allow you to be more productive giving you a better return for your clients.

Pete Stoppel of Solos-Art.com