

2a. The Intel Core i9-9980XE Extreme Edition is one of the best processors on the market. The purpose of a processor is to read instructions given by a computing program. The i9 is an elite processor that has 18 cores, and has Hyper-Threading. It was declared by Intel as “the best gaming cpu in the world.” This processor has broken barriers and taken computer processing to a level one could only imagine. The artifact I created shows the processor, and a bit of binary code. Binary code can be used as instructions that is read by a processor. It also has different models of the i9 processor.

2b. When creating my artifact, I decided that I wanted to have an illustration of a processor in a computer, so one would know what it would look like. I also wanted to find the model of the processor I was doing, so I just looked up pictures of that specific model. Reading from different articles, I found out interesting features of the i9 processor, such as the 18 cores, Hyper-Threading, and Turbo Boost Max Technology 3.0, so I put that in my Artifact as well.

2c. One of the biggest benefits of this new technology is that this is the next step, the next level of gaming and other functions of computers. Having 18 cores is something that is very new and can be very beneficial to computer processing. Unfortunately, not everyone can get their hands on this latest technology because of the price. Models of the i9 vary but usually it is around \$500.

2d. The i9 processor (and all processors in general) will access data and memory from the RAM, and then use it to carry out instructions. It reads the instructions (in binary) and as a result, the processor is able to run games and other applications. Unfortunately, not all of the current i9 models have 18 cores and has the power to run an almost excessive amount of applications for your device. The first i9 processor model that was released only had 8 cores, which is fine, but it doesn't break the next barrier of technology. The model with 18 cores is obviously more expensive, and people might not want to get that extreme for a higher price.

2e.

<https://www.wired.com/story/intel-2018-core-i9/>

Author: Brian Barrett

Title: Intel's new processors spin up high end performance for the masses

April 27, 2019

<https://store.hp.com/app/tech-takes/hyper-threading-everything-to-know>

Author: Sean Whaley

Title: Hyper-Threading and Everything You Need to Know

April 22, 2019

<https://store.hp.com/app/tech-takes/what-you-should-know-about-intel-core-i9-processor>

Author: Zach Cabading

Title: What You Should Know About the Intel Core i9 Processor

April 22, 2019

