

My Dream PC

Motherboard : Asus ROG Z790

ASUS and ROG Z790 motherboards promise full support for 13th Gen Intel® Core™ Processors, with even higher clock speeds, more cores and support for faster DDR5 memory than ever before. The ROG, ROG Strix, TUF Gaming, Prime and ProArt series are prepared for this onslaught with enhanced performance tuning, cooling, power delivery, connectivity, and ease of installation.



This Beast of a Motherboard can push intel i9 13900K processors to **9 GHz**. That means executing **9 Billion** instructions per second. Can you imagine that ?!!

You can visit the website for more info

<https://www.asus.com/microsite/motherboard/Intel-Raptor-Lake-Z790-H770-B760/>

Processor : Intel i9 13900k

In computing and computer science, a **processor** or **processing unit** is an electrical component (digital circuit) that performs operations on an external data source, usually memory or some other data stream.



Intel Core i9-13900K Desktop Processor **24 cores** (8 P-cores + 16 E-cores) **36M Cache**, up to **5.8 GHz** ; Processor base power: **125W** ; Intel Smart Cache: **36MB**.

For more info you can visit this website :

<https://www.intel.com/content/www/us/en/products/sku/230496/intel-core-i913900k-processor-36m-cache-up-to-5-80-ghz/specifications.html>

RAM : Corsair Dominator Platinum RGB

Random-access memory is a form of computer memory typically used to store working data and machine code. A random-access memory device allows data items to be read or written in almost the same time irrespective of the physical location of data inside the memory, in contrast with other direct-access data storage media (such as hard disks), where the time required to read and write data items varies significantly depending on their physical locations on the recording medium, due to mechanical limitations such as media rotation speeds and arm movement.

https://en.wikipedia.org/wiki/Random-access_memory



DOMINATOR® PLATINUM RGB
32GB (2x16GB) DDR5 DRAM
5200MHz C38 Memory Kit — Black

For More info you can visit

<https://www.corsair.com/us/en/Categories/Products/Memory/DOMINATOR-PLATINUM-RGB-DDR5-Memory--Black/p/CMT32GX5M2B5200C38>

GPU : GeForce RTX 4090

The creme de la creme. The graphics processing unit, or GPU, has become one of the most important types of computing technology, both for personal and business computing. Designed for parallel processing, the GPU is used in a wide range of applications, including graphics and video rendering. Although they're best known for their capabilities in gaming,



The 4090 offers 16,384 of the 18,432 cores and 24 GB GDDR6X graphics memory with a 384 bit memory bus. The card offers an excellent raytracing performance.

<https://www.nvidia.com/en-me/geforce/graphics-cards/40-series/rtx-4090/>