

# **i9 10900k / Gigabyte Z490 Vision D - Er läuft**

**Beitrag von „DJ Felipe Unico“ vom 16. Februar 2021, 21:25**

Comments on each piece.

## **MOTHERBOARD:**

1 - I chose this one because it has two slots for SSD M2.

2 - It has a thunderbolt input, and it will be used for my Apollo Twin audio interface that requires this input, it is listed under equipment.

## **PROCESSOR:**

1 - Boy, I work with music and I always want to have a headache from processing, so I got this 10-core and 20-wire machine right away, which apparently has a face that will handle it without any problem.

2 - What worries me about it is the heat, I have to hit the cooling of the whole machine.

3 - I would get the i9 10900k, but only, it is for 3k9 and I can hardly find it. From what I've been researching the difference between the two is minimal.

The differences are 1st: in the clocks: the base and maximum frequencies of the Core i9-10850K are 100 MHz less compared to the Core i9-10900K

4 - What leaves me with a flea behind my ear is about the comment of this site versus COMPARISONS, come and see that, the only glaring difference comes in that part.

2nd: "4 - has an unlocked multiplier

Some replenish with an unlocked multiplier, facilitating overclocking and allowing you to get the best performance in games and other applications.

Source: <https://versus.com/br/intel-co...k-vs-intel-core-i9-10900k> "

Other than that, it's fine with me. The i9 10850k is costing me 3k3 at Terabyte, pretty much the same thing in terms of processing, compared to the i9 10900k. I don't intend to overclock, I never did and I'm not interested, but I already got the version released if I ever need it. Note that up there it says about unlocked multiplier that facilitates overclocking, I don't know if the lack of this on the i9 10850k will be missed if I ever do OC and that it also doesn't make it worth paying much less on account of that.

#### RAM MEMORY:

1 - Before I start talking about, I want to make it very clear that, I had already made 70% of my choices and only this morning I am very close to finishing. Well, with that some pieces did not change and others did. For example, this ram was the one I liked the most and found the time of research at Kabum, the leds seem to be very beautiful and such. The processor and motherboard will support 3233Hz 2933Hz natively, I don't mind losing those 267Hz frequency. Above 2933Hz with OC alone, I am terrified of this, it spoils the component faster and gets very hot. So, the Hz that comes natively I think is already a good size. But I don't know, I'll be recommended to buy memories more often and for OC because there's space for that and such... However, as I said I am afraid kkk

#### STORAGE:

XPD Gammix S11 Pro SSD, 2TB, M.2 (MacOS - Work, music production)

1 - It will be the one that will run MacOS. Yes, I need all this storage, as I will install many programs that are not at all lightweight, many bookstores of virtual instruments that are very heavy and outside that takes up a lot of things related to music productions . As I said earlier in the topic of memory has, it is also one of the components that has remained. At the time I researched a 2TB M2 SSD and the reading / writing pleased me and seems to be quite reliable.

XPG S41 TUF SSD, 1TB, M.2 (Windows - Games and Applications incompatible with MacOS)

1 - This one will run Windows, focused on applications that are not available on MacOS and mainly for games. There is no point in setting up this whole machine for work and also not enjoying it with games that I have never been able to play before, right ?! Hahahah

Crucial SSD BX500, 2TB, SATA (BACKUP and USE on both Operating Systems)

1 - Well, this one will be a HARD DISK for FILE BACKUP, I thought it was better to invest in a SATA SSD than a normal HD that is quite slow. I intend to use it in both operating systems, in addition to using it for backup, I think it is smarter for me to take advantage of these 2TB of SSD SATA to use for example DRUMS KITS, SAMPLES, ETC that I will use when I go to work. I don't think it is feasible to occupy it with production files that are many GB's involved in the SSD XPG Gammix S11 Pro, 2TB, M.2, so it will be very useful.

MONITOR:

1 - This monitor I found quite beautiful and interesting the features brought by it, it is one more that remained in the construction I did last year of the Setup. However, he is loved by some and hated by others because he sometimes gives very basic problems like dead pixel, having some problems when he arrives and the person will test. As I am quite annoying with design, he was the one that pleased me the most, I was not able to come up with any kind of problem, it will be BINGO. As I want to have two monitors and he is already 2k2, he will be the most viable himself.

VIDEO CARD:

1 - This is very well-known, I found the most recommended because of the configuration level and also because I will use it to play. I didn't find it on the new internet, so it is very likely that I will get a used card from a friend, it has been in use for a little over a year and has a nice price. Reliable! But if you found a new one for a good price, better a new one than used, right ?!

## WATER COOLER:

1 - Do not take into consideration, I chose a random one that looked good, BUT IT WILL NEVER END THE PROJECT WITHOUT THE SUPPORT OF SOMEONE WHO UNDERSTANDS. Today Emerson BR posted a Story mounting a 10th i9 and that the Water Cooler instead of being the Water Cooler Corsair Hydro H100i RGB Platinum that I had already chosen, he has the Water Cooler Corsair iCUE H150i PRO XT Hydro Series, 120mm, RGB, so I think I got pretty close to a current hahah. It can be a beautiful reference!

## SOURCE:

1 - I left it open here, because I don't know if the amount of things I will use on the computer, how the interface and other things can interfere.

2 - End of last year I had chosen this one

Corsair RM750, 750W, 80 Plus Gold power supply

Based on no kkk knowledge, but again I repeat, I would NEVER do the stupid thing to get it without the support of someone who understands.

## OFFICE:

1 - I chose a random one, it has to see if it will fit the Water Cooler and all the components, so, both the Source, Cabinet, Water Cooler needs the support of those who manage and have to be left last, they just need to finish the project.

2 - But even so I had chosen what is listed up there, based on a guy's office that I will leave as a photo of the post here in the Group. I found the aesthetics of the computer to be very top, for me I gave CTRL C + CTRL V kkkk, taking out these broxant side leds that you can see depending on the angle.

#### CHAIR:

1 - I chose this brand, which is well known, it seems to be of good origin.

#### MOUSE:

1 - I want a wireless mouse to avoid wiring so much and because it is very comfortable.

#### KEYBOARD:

1 - It is open, because I did not find any to my liking. As I said before, I'm quite boring about things, especially when it comes to Design. I wanted a wireless top, which matched and mainly because I'm afraid of not finding one with a large cord, as the case will be a little far from the center of everything, specifically on the side.

#### MOUSE PAD:

1 - I didn't get to research, but I didn't want anything expensive, it can be one of those that take the mouse and keyboard, it will be quite a dark color and some details with a light color. Nothing flashy, but pretty enough. Probably I only get the mouse kkkk.

#### HEADSET:

1 - I will only use it to enter DISCORD and to use it when I cannot use the REFERENCE MONITORS (Yamaha HS8). As I said, I chose a wireless one, because I am afraid that the cables of the components will not be able to go to the Cabinet and also to avoid cables.

#### EQUIPMENTS:

1 - I have been working with music for a long time, so I believe I made the right choices, but if

someone has any suggestions, you can leave it.

2 - I took a simple MIDI Keyboard just to start and the space available to him here.

3 - Dynamic microphone due to the musical style in which I work and I will hardly use it to record.

4 - No words for Apollo, special edition and still with many good plugins.