

Usability Test – Building Your First Computer!

Purpose – A Cordial Welcome!

- *Testing the usability of a set of instructions intended to help you build a PC!*

This is ONLY intended to test the usability of the instructions, not your skills

- *You can stop this task at any time*

If the instructions are too overwhelming or make you uncomfortable, please stop

- The data will be collected mainly using a questionnaire that you will be asked to complete after reading through the instructions.
- The instructions begin on the next page, please be sure to give feedback and review the instructions at the end v.i.a the questionnaire.
 - Your notes/observations will be recorded and then the instructions document will be updated according to your feedback.

Instructions – How to Build Your PC!

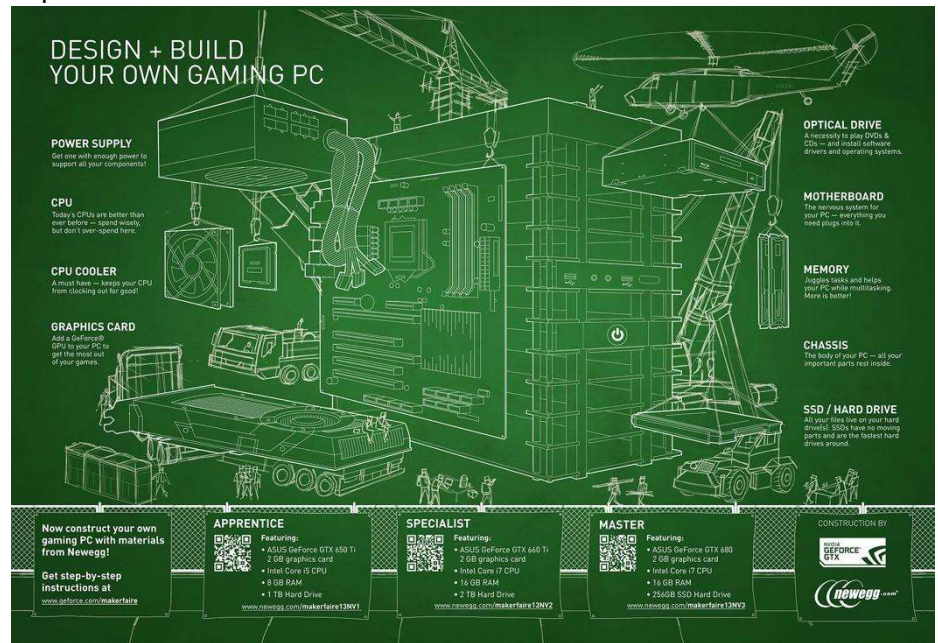
These instructions will walk you through a step-by-step guide to build your own computer.

IMPORTANT – Remember to check using PC Part picker before ordering all parts to ensure that your computer parts are **compatible**

Prepare!

1. Prepare all of your components. You should have a –

- Case
- Power supply
- Storage device
- Memory
- Video card
- CPU
- Motherboard



A diagram of every part that will be used



This is a Power Supply

Power First! – Installing the Power

2. Install the power supply into your case. This is a super important first step!

Processor! – Installing your Processor



This is a CPU

3. Open the locking mechanism
4. Place your CPU into the locking mechanism
5. Relock it into place

NOTE -- Try and do this on your motherboard without having it in the case yet.

Brrrr! – Installing a CPU Cooler

6. Install the cooler into your case
7. Apply thermal paste to the cooler's plate
8. Attach the cooler to the CPU, paste against the unit



Corsair H100i --
https://pisces.bbystatic.com/image2/BestBuy_US/images/products/6306/6306564_sd.jpg

This is a CPU Cooler

RAM! – Installing your RAM

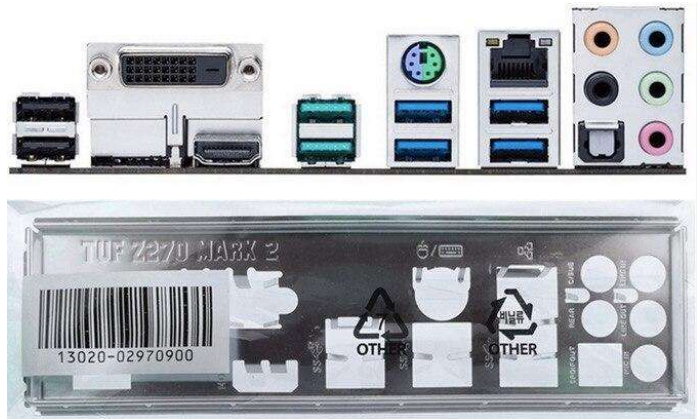
9. Insert your RAM into the motherboard's RAM bays



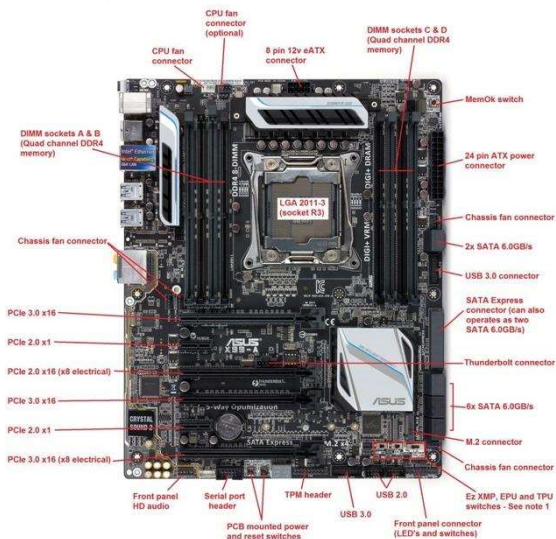
This is RAM

Devices! – Installing your I/O Plate

10. Attach your I/O plate to the case!



This is an I/O Board



This is a Motherboard

Video! – Installing your GPU

13. Plug your GPU into the longest PCIe slot on the motherboard



This is a GPU

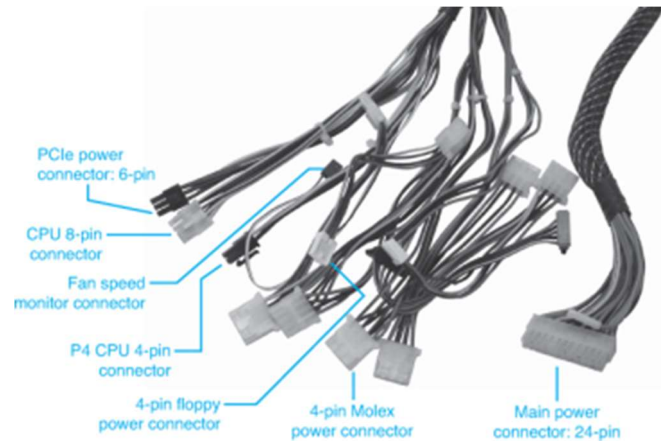
Drives! – Installing your (optional) Drives

14. If you plan on using any drives, it's time to install them into the front of your case

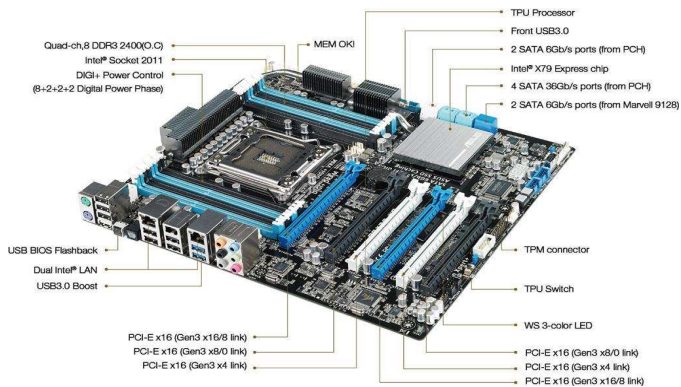
Connections! – Installing the final Connections

15. Connect all your cables to the power supply

NOTE -- This is how your PC will be powered



These are Connectors



This is a diagram that shows spots where wires need to be connected.

Wiring! – Installing the final Wiring

16. Connect all the wiring on your PC parts to the motherboard's respective slots

Have fun! You're done!

NOTE – Clearly the most important part!
You've just built your own PC! Have fun with your newfound superpower!



Questionnaire –

On a scale of 1-5, how would you rate the instruction's –

Were these instructions informative?

Helpfulness -- 1 2 3 4 5

Were these instructions written easy to understand?

Readability -- 1 2 3 4 5

Were these instructions effective in teaching you a new skill?

Usability -- 1 2 3 4 5

Finally, please answer the following short-answer questions –

Was everything that was necessary included? Please explain if not –

What were the best features of the instruction set that helped you? –

What were some features of the instruction set that were ineffective? –

Do you have additional questions/concerns? --