



NEXUM

build guide (≥1.2)

difficulty: ☆¹



Hi fellow!

Just a quick intro before starting,

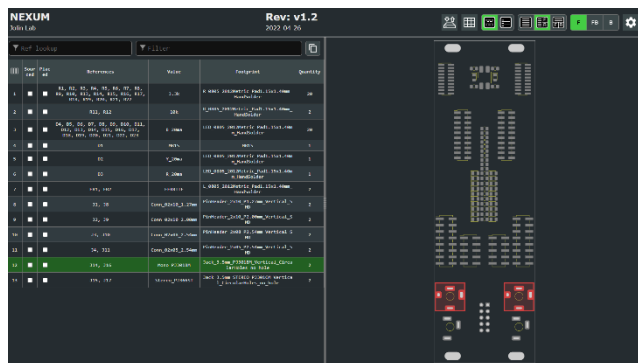
what to have on hand

1. Soldering Iron - better with temperature control
2. Solder wire
3. Multimeter
4. Solder sucker / wick (optional)
5. Silicone soldering mat (optional)
6. Helping hands (optional)
7. Flux (optional)

If you want to refresh yourself a bit about soldering stuff you can watch [this video](#)² by GreatScott!

A tool that can help you placing the components on the boards is the interactive bill of materials.

Download the .html *ibom* file and open it with a browser. You can use it to check where a component is located on the board. Once downloaded it works fine also offline.



Here are listed all the NEXUM components, most of them are already pre-soldered on the board. We just need to solder the through hole ones (THT).

BE CAREFULL NOT TO TOUCH THE SMD COMPONENTS WHILE SOLDERING THE THT ONES.

It's really easy to lose a tiny resistor or capacitor. Be careful when soldering parts that are close to others already in place.

now let's begin!

¹ 1/5-star modules are a good choice for a beginner. Even as first ever DIY.

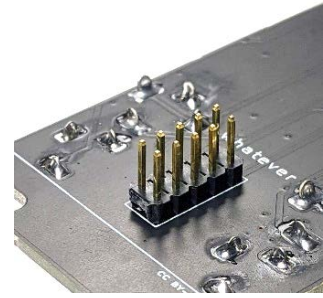
² <https://www.youtube.com/watch?v=VxMV6wGS3NY>

power 2x5 pin header

Place the socket matching the drawing on the PCB.

tip: solder one pin and check. If the socket is aligned with the PCB solder all the other pins.

1	J7	EURORACK_HEADER
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ok, now flip the board.

jack sockets

Place the socket matching the drawing on the PCB.

2	J14, J16	Mono_PJ301BM
2	J15, J17	Stereo_PJ366ST



check if everything is in place and properly soldered



done! enjoy your new

NEXUM

find us:

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e-mail ⇒ info@jolin.tech

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