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r/buildapc • 4 yr. ago
atpreisler

•••

Are modular PSU cables reversible?

Build Help

Recently I bought a corsair sf450. The motherboard cable has one end that is a single 24 pin piece and another end than is a 20 pin connection piece plus a 4 pin connection piece.

Does it matter which end connects to the motherboard and which end connects to the PSU itself? I wanted to make sure I hooked it up right before booting up the build. I do not want to risk frying anything.

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noratat • 4y ago •

No - and not only that, but for future reference, you cannot safely re-use cables between two different modular PSUs either.

The ends that plug into devices like the motherboard are standardized, the ends that plug into the PSU aren't.

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Halbzu • 4y ago •

it does matter. the 20+4 side goes into the motherboard

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atpreisler OP • 4y ago •

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LordOverThis · 4y ago ·

Having just gone through troubleshooting a modular Super Flower and mapping the pinout myself — yes it absolutely can matter. The pinout from the PSU side doesn't necessarily follow the pinout at the motherboard side.

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atpreisler OP · 4y ago ·

Thanks for the reply! If this is the case, would you happen to know which end of the cable I should hook up to the motherboard and which end I should hook up to the PSU?

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Ki11ik89 · 4y ago ·

The plugs casing should be designed to only allow being plugged in a certain way. The pin outs will follow this pattern appropriately. So technically it would not matter. However, if your MB is a 24 pin and your PSU is a 20 pin then you are not going to be able to provide power to certain parts of your MB. It is perfectly ok though to plug a 24 pin connector into a 20 pin MB as the additional 4 from the PSU side just wouldnt be used.

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